■ 청도1교 부산방향(P11)
상부 output

: AAbutPier SAP2000 6~7 데이타파일 : 교각 본체 1

D I S P L A C E M E N T D E G R E E S O F F R E E D O M

(A) = Active DOF, equilibrium equation
(-) = Restrained DOF, reaction computed
(+) = Constrained DOF
(>) = External substructure DOF
( ) = Null DOF

JOINTS	UX	UY	UZ	RX	RY	RZ
1 TO 17	A	A	A	A	A	A
18 TO 19	-	-	-	-	-	-

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A S S E M B L E D J O I N T M A S S E S

IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
1	12.293578	12.293578	12.293578
.000000	.000000	.000000	
2	14.453364	14.453364	14.453364
.000000	.000000	.000000	
3	2.431193	2.431193	2.431193
.000000	.000000	.000000	
4	7.901376	7.901376	7.901376
.000000	.000000	.000000	
5	68.294856	68.294856	68.294856
.000000	.000000	.000000	
6	17.438520	17.438520	17.438520
.000000	.000000	.000000	
7	12.721076	12.721076	12.721076
.000000	.000000	.000000	
8	5.003823	5.003823	5.003823
.000000	.000000	.000000	
9	2.576453	2.576453	2.576453
.000000	.000000	.000000	
10	4.013762	4.013762	4.013762
.000000	.000000	.000000	
11	10.281282	10.281282	10.281282
.000000	.000000	.000000	
12	14.326899	14.326899	14.326899
.000000	.000000	.000000	
13	65.784344	65.784344	65.784344
.000000	.000000	.000000	
14	6.522362	6.522362	6.522362
.000000	.000000	.000000	
15	2.006881	2.006881	2.006881
.000000	.000000	.000000	
16	11.730696	11.730696	11.730696
.000000	.000000	.000000	
17	9.747706	9.747706	9.747706
.000000	.000000	.000000	
18	53.910300	53.910300	53.910300
.000000	.000000	.000000	
19	53.910300	53.910300	53.910300
.000000	.000000	.000000	

T O T A L A S S E M B L E D J O I N T M A S S E S

IN GLOBAL COORDINATES

	UX	UY	UZ
	RX	RY	RZ
TOTAL	375.348769	375.348769	375.348769
.000000	.000000	.000000	

T O T A L A C C E L E R A T E D M A S S A N D L O C A T I O N

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

	UX	UY	UZ
MASS	267.528170	267.528170	267.528170
X-LOC	5.622151	5.622151	5.622151
Y-LOC	.000000	.000000	.000000
Z-LOC	11.130000	11.130000	11.130000

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

LOAD D ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD L1 ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.51E-05	3.63E-21	-0.000313
-5.11E-23	-3.66E-05	-1.00E-21	
2	4.51E-05	1.83E-21	-0.000247
-5.11E-23	-3.66E-05	-1.00E-21	
3	4.51E-05	1.70E-21	-0.000243
-5.11E-23	-3.66E-05	-1.00E-21	
4	4.51E-05	1.53E-21	-0.000236
-5.11E-23	-3.66E-05	-1.00E-21	
5	4.51E-05	7.23E-22	-0.000186
-5.11E-23	-3.06E-05	-1.03E-21	
6	4.56E-05	-3.03E-22	-0.000160
-3.92E-23	-2.33E-05	-1.08E-21	
7	4.63E-05	-1.62E-21	-0.000138
-2.22E-23	-1.21E-05	-1.01E-21	
8	4.66E-05	-2.09E-21	-0.000133
-1.42E-23	-6.60E-06	-8.94E-22	
9	4.67E-05	-2.26E-21	-0.000132
-1.11E-23	-4.38E-06	-8.49E-22	
10	4.69E-05	-2.41E-21	-0.000131
-5.94E-24	-6.70E-08	-6.07E-22	
11	4.72E-05	-2.56E-21	-0.000134
6.89E-24	1.07E-05	-1.97E-26	
12	4.81E-05	-1.87E-21	-0.000161
3.33E-23	3.19E-05	9.57E-22	
13	4.87E-05	-7.23E-22	-0.000198
5.11E-23	4.54E-05	1.39E-21	
14	4.87E-05	6.06E-22	-0.000269
5.11E-23	5.66E-05	1.79E-21	
15	4.87E-05	9.19E-22	-0.000279
5.11E-23	5.66E-05	1.79E-21	
16	4.87E-05	1.14E-21	-0.000286
5.11E-23	5.66E-05	1.79E-21	
17	4.87E-05	4.37E-21	-0.000388
5.11E-23	5.66E-05	1.79E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-LO ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.98E-23	0.000693	5.94E-24
-8.64E-05	1.91E-24	-3.07E-06	
2	3.98E-23	0.000687	1.79E-24
-8.64E-05	2.71E-24	-3.00E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	3.98E-23	0.000687	1.46E-24
-8.64E-05	2.65E-24	-2.98E-06	
4	3.98E-23	0.000687	1.00E-24
-8.64E-05	2.54E-24	-2.96E-06	
5	3.98E-23	0.000684	-7.66E-25
-8.64E-05	1.79E-24	-2.78E-06	
6	3.99E-23	0.000682	-1.94E-24
-8.62E-05	4.86E-25	-2.64E-06	
7	4.00E-23	0.000679	-2.01E-24
-8.60E-05	-7.89E-25	-2.61E-06	
8	4.00E-23	0.000677	-1.43E-24
-8.60E-05	-1.79E-24	-2.63E-06	
9	4.00E-23	0.000677	-1.06E-24
-8.59E-05	-2.19E-24	-2.63E-06	
10	4.00E-23	0.000676	-5.50E-25
-8.59E-05	-3.23E-24	-2.63E-06	
11	4.01E-23	0.000675	1.44E-24
-8.57E-05	-4.72E-24	-2.64E-06	
12	4.02E-23	0.000671	5.23E-24
-8.55E-05	-2.55E-25	-2.53E-06	
13	4.03E-23	0.000669	7.66E-25
-8.53E-05	1.08E-23	-2.28E-06	
14	4.03E-23	0.000667	-1.19E-23
-8.53E-05	1.97E-23	-2.10E-06	
15	4.03E-23	0.000667	-1.54E-23
-8.53E-05	2.09E-23	-2.07E-06	
16	4.03E-23	0.000667	-1.81E-23
-8.53E-05	2.17E-23	-2.06E-06	
17	4.03E-23	0.000663	-6.37E-23
-8.53E-05	2.71E-23	-1.99E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD G-LO2 ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.92E-22	0.004925	-2.73E-22
-0.000659	-8.98E-23	-1.67E-05	
2	5.92E-22	0.004895	-1.11E-22
-0.000659	-8.98E-23	-1.67E-05	
3	5.92E-22	0.004893	-1.00E-22
-0.000659	-8.98E-23	-1.67E-05	
4	5.92E-22	0.004890	-8.45E-23
-0.000659	-8.98E-23	-1.67E-05	
5	5.92E-22	0.004873	-1.15E-23
-0.000654	-9.40E-23	-1.57E-05	
6	5.95E-22	0.004859	9.95E-23
-0.000654	-1.37E-22	-1.36E-05	
7	5.98E-22	0.004844	2.86E-22
-0.000653	-1.58E-22	-1.08E-05	
8	6.00E-22	0.004839	3.62E-22
-0.000653	-1.49E-22	-9.50E-06	
9	6.00E-22	0.004837	3.91E-22
-0.000652	-1.45E-22	-8.99E-06	
10	6.01E-22	0.004835	4.15E-22
-0.000652	-9.55E-23	-8.35E-06	
11	6.03E-22	0.004831	4.30E-22
-0.000652	3.00E-23	-6.75E-06	
12	6.07E-22	0.004825	2.56E-22
-0.000651	2.14E-22	-3.06E-06	
13	6.10E-22	0.004823	1.15E-23
-0.000650	2.83E-22	-2.73E-07	
14	6.10E-22	0.004828	-2.46E-22
-0.000656	3.41E-22	8.78E-07	
15	6.10E-22	0.004828	-3.06E-22
-0.000656	3.41E-22	8.78E-07	
16	6.10E-22	0.004828	-3.49E-22
-0.000656	3.41E-22	8.78E-07	
17	6.10E-22	0.004830	-9.63E-22
-0.000656	3.41E-22	8.78E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD E-LO ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	.000000	.000000	.000000
.000000	.000000	.000000	
2	.000000	.000000	.000000
.000000	.000000	.000000	
3	.000000	.000000	.000000
.000000	.000000	.000000	
4	.000000	.000000	.000000
.000000	.000000	.000000	
5	.000000	.000000	.000000
.000000	.000000	.000000	
6	.000000	.000000	.000000
.000000	.000000	.000000	
7	.000000	.000000	.000000
.000000	.000000	.000000	
8	.000000	.000000	.000000
.000000	.000000	.000000	
9	.000000	.000000	.000000
.000000	.000000	.000000	
10	.000000	.000000	.000000
.000000	.000000	.000000	
11	.000000	.000000	.000000
.000000	.000000	.000000	
12	.000000	.000000	.000000
.000000	.000000	.000000	
13	.000000	.000000	.000000
.000000	.000000	.000000	
14	.000000	.000000	.000000
.000000	.000000	.000000	
15	.000000	.000000	.000000
.000000	.000000	.000000	
16	.000000	.000000	.000000
.000000	.000000	.000000	
17	.000000	.000000	.000000
.000000	.000000	.000000	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001597	4.65E-21	0.000411
-1.19E-22	0.000104	-1.03E-21	
2	0.001596	2.80E-21	0.000224
-1.19E-22	0.000104	-1.03E-21	
3	0.001596	2.67E-21	0.000211
-1.19E-22	0.000104	-1.03E-21	
4	0.001596	2.49E-21	0.000193
-1.19E-22	0.000104	-1.03E-21	
5	0.001595	1.68E-21	0.000114
-1.19E-22	9.38E-05	-9.86E-22	
6	0.001595	7.78E-22	5.43E-05
-9.12E-23	6.50E-05	-8.90E-22	
7	0.001595	-4.01E-22	1.30E-05
-5.16E-23	4.04E-05	-1.14E-21	
8	0.001595	-1.01E-21	3.86E-06
-3.32E-23	3.52E-05	-1.29E-21	
9	0.001595	-1.27E-21	7.75E-07
-2.58E-23	3.42E-05	-1.32E-21	
10	0.001595	-1.54E-21	-1.20E-06
-1.38E-23	3.37E-05	-1.36E-21	
11	0.001595	-2.18E-21	-6.80E-06
1.60E-23	3.79E-05	-1.14E-21	
12	0.001595	-2.70E-21	-4.45E-05
7.74E-23	7.17E-05	3.35E-22	
13	0.001595	-1.68E-21	-0.000114
1.19E-22	0.000116	1.85E-21	
14	0.001597	4.36E-23	-0.000214
1.19E-22	0.000133	2.47E-21	
15	0.001597	4.76E-22	-0.000237
1.19E-22	0.000133	2.47E-21	
16	0.001597	7.85E-22	-0.000254
1.19E-22	0.000133	2.47E-21	
17	0.001597	5.23E-21	-0.000494
1.19E-22	0.000133	2.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD WL ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000187	6.26E-22	5.66E-05
-1.59E-23	1.45E-05	-1.39E-22	
2	0.000187	3.75E-22	3.05E-05
-1.59E-23	1.45E-05	-1.39E-22	
3	0.000187	3.58E-22	2.87E-05
-1.59E-23	1.45E-05	-1.39E-22	
4	0.000187	3.33E-22	2.62E-05
-1.59E-23	1.45E-05	-1.39E-22	
5	0.000187	2.25E-22	1.53E-05
-1.59E-23	1.26E-05	-1.31E-22	
6	0.000187	1.05E-22	7.26E-06
-1.22E-23	8.75E-06	-1.18E-22	
7	0.000187	-5.23E-23	1.69E-06
-6.91E-24	5.44E-06	-1.53E-22	
8	0.000187	-1.34E-22	4.60E-07
-4.44E-24	4.73E-06	-1.72E-22	
9	0.000187	-1.68E-22	4.40E-08
-3.45E-24	4.60E-06	-1.76E-22	
10	0.000187	-2.04E-22	-2.23E-07
-1.85E-24	4.52E-06	-1.82E-22	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.000187	-2.90E-22	-9.72E-07
2.15E-24	5.09E-06	-1.53E-22	
12	0.000187	-3.60E-22	-6.01E-06
1.04E-23	9.60E-06	4.40E-23	
13	0.000187	-2.25E-22	-1.53E-05
1.59E-23	1.55E-05	2.46E-22	
14	0.000187	1.91E-23	-2.91E-05
1.59E-23	1.88E-05	3.65E-22	
15	0.000187	8.29E-23	-3.23E-05
1.59E-23	1.88E-05	3.65E-22	
16	0.000187	1.28E-22	-3.47E-05
1.59E-23	1.88E-05	3.65E-22	
17	0.000187	7.85E-22	-6.85E-05
1.59E-23	1.88E-05	3.65E-22	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD G-TR ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000565	1.82E-21	-4.86E-05
-2.49E-23	-1.67E-05	-5.06E-22	
2	-0.000385	9.09E-22	-1.86E-05
-2.49E-23	-1.67E-05	-5.06E-22	
3	-0.000372	8.46E-22	-1.65E-05
-2.49E-23	-1.67E-05	-5.06E-22	
4	-0.000355	7.57E-22	-1.36E-05
-2.49E-23	-1.67E-05	-5.06E-22	
5	-0.000275	3.52E-22	-2.70E-07
-2.49E-23	-1.67E-05	-5.06E-22	
6	-0.000177	-1.55E-22	1.41E-05
-1.91E-23	-1.29E-05	-5.37E-22	
7	-5.55E-05	-8.04E-22	2.66E-05
-1.08E-23	-7.20E-06	-4.96E-22	
8	-5.68E-06	-1.04E-21	2.95E-05
-6.94E-24	-4.41E-06	-4.39E-22	
9	1.42E-05	-1.12E-21	3.02E-05
-5.40E-24	-3.30E-06	-4.17E-22	
10	3.41E-05	-1.19E-21	3.06E-05
-2.90E-24	-1.14E-06	-2.96E-22	
11	8.39E-05	-1.27E-21	2.98E-05
3.36E-24	4.23E-06	5.72E-24	
12	0.000206	-9.21E-22	1.77E-05
1.62E-23	1.46E-05	4.76E-22	
13	0.000303	-3.52E-22	2.70E-07
2.49E-23	2.11E-05	6.86E-22	
14	0.000383	1.97E-22	-1.66E-05
2.49E-23	2.11E-05	6.86E-22	
15	0.000440	3.17E-22	-2.03E-05
2.49E-23	2.11E-05	6.86E-22	
16	0.000413	4.03E-22	-2.30E-05
2.49E-23	2.11E-05	6.86E-22	
17	0.000593	1.64E-21	-6.10E-05
2.49E-23	2.11E-05	6.86E-22	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD E-TR ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	.000000	.000000	.000000
.000000	.000000	.000000	
2	.000000	.000000	.000000
.000000	.000000	.000000	
3	.000000	.000000	.000000
.000000	.000000	.000000	
4	.000000	.000000	.000000
.000000	.000000	.000000	
5	.000000	.000000	.000000
.000000	.000000	.000000	
6	.000000	.000000	.000000
.000000	.000000	.000000	
7	.000000	.000000	.000000
.000000	.000000	.000000	
8	.000000	.000000	.000000
.000000	.000000	.000000	
9	.000000	.000000	.000000
.000000	.000000	.000000	
10	.000000	.000000	.000000
.000000	.000000	.000000	
11	.000000	.000000	.000000
.000000	.000000	.000000	
12	.000000	.000000	.000000
.000000	.000000	.000000	
13	.000000	.000000	.000000
.000000	.000000	.000000	
14	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	.000000	.000000	.000000
.000000	.000000	.000000	
16	.000000	.000000	.000000
.000000	.000000	.000000	
17	.000000	.000000	.000000
.000000	.000000	.000000	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.79E-06	2.36E-24	2.02E-07
-6.19E-26	4.91E-08	-5.11E-25	
2	2.79E-06	1.44E-24	1.14E-07
-6.19E-26	4.91E-08	-5.11E-25	
3	2.79E-06	1.37E-24	1.08E-07
-6.19E-26	4.91E-08	-5.11E-25	
4	2.79E-06	1.29E-24	9.90E-08
-6.19E-26	4.91E-08	-5.11E-25	
5	2.79E-06	8.76E-25	5.97E-08
-6.19E-26	4.91E-08	-5.11E-25	
6	2.79E-06	2.79E-25	2.83E-08
-4.75E-26	3.40E-08	-4.61E-25	
7	2.79E-06	-2.03E-25	6.58E-09
-2.69E-26	2.12E-08	-5.94E-25	
8	2.79E-06	-5.20E-25	1.79E-09
-1.73E-26	1.84E-08	-6.70E-25	
9	2.79E-06	-6.55E-25	1.71E-10
-1.34E-26	1.79E-08	-6.86E-25	
10	2.79E-06	-7.94E-25	-8.66E-10
-7.20E-27	1.76E-08	-7.10E-25	
11	2.79E-06	-1.13E-24	-3.78E-09
8.35E-27	1.98E-08	-5.97E-25	
12	2.79E-06	-1.40E-24	-2.34E-08
4.03E-26	3.74E-08	1.71E-25	
13	2.79E-06	-8.76E-25	-5.97E-08
6.19E-26	6.03E-08	9.59E-25	
14	2.79E-06	-1.10E-25	-1.08E-07
6.19E-26	6.03E-08	9.59E-25	
15	2.79E-06	5.82E-26	-1.18E-07
6.19E-26	6.03E-08	9.59E-25	
16	2.79E-06	1.78E-25	-1.26E-07
6.19E-26	6.03E-08	9.59E-25	
17	2.79E-06	1.90E-24	-2.35E-07
6.19E-26	6.03E-08	9.59E-25	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD COL-TR ----------

JOINT	UX	UY	UZ
RX	RY	RZ	
1	8.74E-06	7.66E-24	6.57E-07
-2.01E-25	1.60E-07	-1.66E-24	

2	8.74E-06	4.67E-24	3.70E-07
-2.01E-25	1.60E-07	-1.66E-24	
3	8.74E-06	4.47E-24	3.50E-07
-2.01E-25	1.60E-07	-1.66E-24	
4	8.74E-06	4.18E-24	3.22E-07
-2.01E-25	1.60E-07	-1.66E-24	
5	8.74E-06	2.85E-24	1.94E-07
-2.01E-25	1.60E-07	-1.66E-24	
6	8.74E-06	1.33E-24	9.18E-08
-1.54E-25	1.11E-07	-1.50E-24	
7	8.74E-06	-6.61E-25	2.14E-08
-8.73E-26	6.88E-08	-1.93E-24	
8	8.74E-06	-1.69E-24	5.82E-09
-5.61E-26	5.98E-08	-2.18E-24	
9	8.74E-06	-2.13E-24	5.57E-10
-4.36E-26	5.82E-08	-2.23E-24	
10	8.74E-06	-2.58E-24	-2.81E-09
-2.34E-26	5.72E-08	-2.31E-24	
11	8.74E-06	-3.67E-24	-1.23E-08
2.71E-26	6.43E-08	-1.94E-24	
12	8.74E-06	-4.56E-24	-7.61E-08
1.31E-25	1.21E-07	5.56E-25	
13	8.74E-06	-2.85E-24	-1.94E-07
2.01E-25	1.96E-07	3.12E-24	
14	8.74E-06	-3.56E-25	-3.51E-07
2.01E-25	1.96E-07	3.12E-24	
15	8.74E-06	1.89E-25	-3.85E-07
2.01E-25	1.96E-07	3.12E-24	
16	8.74E-06	5.79E-25	-4.10E-07
2.01E-25	1.96E-07	3.12E-24	
17	8.74E-06	6.19E-24	-7.62E-07
2.01E-25	1.96E-07	3.12E-24	
18	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB01 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	4.78E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	4.78E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	4.78E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	4.78E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	4.99E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.29E-05	-6.45E-21	-0.000723
-9.14E-23	-6.63E-05	-4.05E-21	
8	5.41E-05	-8.35E-21	-0.000696
-5.87E-23	-4.39E-05	-3.59E-21	
9	5.47E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.53E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.69E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.44E-23	
12	6.05E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.31E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.31E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.31E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.31E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.31E-05	1.82E-20	-0.001636
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB01 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	4.78E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	4.78E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	4.78E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	4.78E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	4.99E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.29E-05	-6.45E-21	-0.000723
-9.14E-23	-6.63E-05	-4.05E-21	
8	5.41E-05	-8.35E-21	-0.000696
-5.87E-23	-4.39E-05	-3.59E-21	
9	5.47E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.53E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.69E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.44E-23	
12	6.05E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.31E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.31E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.31E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.31E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.31E-05	1.82E-20	-0.001636
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB02 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB02 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB03 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000693	-0.001256
-8.64E-05	-0.000144	-3.07E-06	
2	2.70E-06	0.000687	-0.000994
-8.64E-05	-0.000143	-3.00E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	2.70E-06	0.000687	-0.000975
-8.64E-05	-0.000142	-2.98E-06	
4	2.70E-06	0.000687	-0.000950
-8.64E-05	-0.000142	-2.96E-06	
5	2.70E-06	0.000684	-0.000765
-8.64E-05	-0.000119	-2.78E-06	
6	4.36E-06	0.000682	-0.000670
-8.62E-05	-9.09E-05	-2.64E-06	
7	6.59E-06	0.000679	-0.000585
-8.60E-05	-5.42E-05	-2.61E-06	
8	7.56E-06	0.000677	-0.000563
-8.60E-05	-3.73E-05	-2.63E-06	
9	7.94E-06	0.000677	-0.000556
-8.59E-05	-3.06E-05	-2.63E-06	
10	8.43E-06	0.000676	-0.000552
-8.59E-05	-1.78E-05	-2.63E-06	
11	9.63E-06	0.000675	-0.000551
-8.57E-05	1.43E-05	-2.64E-06	
12	1.24E-05	0.000671	-0.000608
-8.55E-05	7.78E-05	-2.53E-06	
13	1.44E-05	0.000669	-0.000700
-8.53E-05	0.000121	-2.28E-06	
14	1.44E-05	0.000667	-0.000904
-8.53E-05	0.000159	-2.10E-06	
15	1.44E-05	0.000667	-0.000933
-8.53E-05	0.000160	-2.07E-06	
16	1.44E-05	0.000667	-0.000953
-8.53E-05	0.000160	-2.06E-06	
17	1.44E-05	0.000663	-0.001248
-8.53E-05	0.000163	-1.99E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB03 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000693	-0.001256
-8.64E-05	-0.000144	-3.07E-06	
2	2.70E-06	0.000687	-0.000994
-8.64E-05	-0.000143	-3.00E-06	
3	2.70E-06	0.000687	-0.000975
-8.64E-05	-0.000142	-2.98E-06	
4	2.70E-06	0.000687	-0.000950
-8.64E-05	-0.000142	-2.96E-06	
5	2.70E-06	0.000684	-0.000765
-8.64E-05	-0.000119	-2.78E-06	
6	4.36E-06	0.000682	-0.000670
-8.62E-05	-9.09E-05	-2.64E-06	
7	6.59E-06	0.000679	-0.000585
-8.60E-05	-5.42E-05	-2.61E-06	
8	7.56E-06	0.000677	-0.000563
-8.60E-05	-3.73E-05	-2.63E-06	
9	7.94E-06	0.000677	-0.000556
-8.59E-05	-3.06E-05	-2.63E-06	
10	8.43E-06	0.000676	-0.000552
-8.59E-05	-1.78E-05	-2.63E-06	
11	9.63E-06	0.000675	-0.000551
-8.57E-05	1.43E-05	-2.64E-06	
12	1.24E-05	0.000671	-0.000608
-8.55E-05	7.78E-05	-2.53E-06	
13	1.44E-05	0.000669	-0.000700
-8.53E-05	0.000121	-2.28E-06	
14	1.44E-05	0.000667	-0.000904
-8.53E-05	0.000159	-2.10E-06	
15	1.44E-05	0.000667	-0.000933
-8.53E-05	0.000160	-2.07E-06	
16	1.44E-05	0.000667	-0.000953
-8.53E-05	0.000160	-2.06E-06	
17	1.44E-05	0.000663	-0.001248
-8.53E-05	0.000163	-1.99E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB04 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.000347	-0.001569
-4.32E-05	-0.000181	-1.54E-06	
2	4.78E-05	0.000344	-0.001241
-4.32E-05	-0.000179	-1.50E-06	
3	4.78E-05	0.000344	-0.001218
-4.32E-05	-0.000179	-1.49E-06	
4	4.78E-05	0.000343	-0.001186
-4.32E-05	-0.000178	-1.48E-06	
5	4.78E-05	0.000342	-0.000952
-4.32E-05	-0.000149	-1.39E-06	
6	4.99E-05	0.000341	-0.000830
-4.31E-05	-0.000114	-1.32E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	5.29E-05	0.000339	-0.000723
-4.30E-05	-6.63E-05	-1.31E-06	
8	5.41E-05	0.000339	-0.000696
-4.30E-05	-4.39E-05	-1.31E-06	
9	5.47E-05	0.000338	-0.000688
-4.30E-05	-3.50E-05	-1.32E-06	
10	5.53E-05	0.000338	-0.000683
-4.29E-05	-1.78E-05	-1.32E-06	
11	5.69E-05	0.000337	-0.000685
-4.29E-05	2.50E-05	-1.32E-06	
12	6.05E-05	0.000336	-0.000768
-4.27E-05	0.000110	-1.27E-06	
13	6.31E-05	0.000334	-0.000898
-4.26E-05	0.000167	-1.14E-06	
14	6.31E-05	0.000334	-0.001173
-4.26E-05	0.000216	-1.05E-06	
15	6.31E-05	0.000333	-0.001212
-4.26E-05	0.000217	-1.04E-06	
16	6.31E-05	0.000333	-0.001239
-4.26E-05	0.000217	-1.03E-06	
17	6.31E-05	0.000332	-0.001636
-4.26E-05	0.000219	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB04 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.000347	-0.001569
-4.32E-05	-0.000181	-1.54E-06	
2	4.78E-05	0.000344	-0.001241
-4.32E-05	-0.000179	-1.50E-06	
3	4.78E-05	0.000344	-0.001218
-4.32E-05	-0.000179	-1.49E-06	
4	4.78E-05	0.000343	-0.001186
-4.32E-05	-0.000178	-1.48E-06	
5	4.78E-05	0.000342	-0.000952
-4.32E-05	-0.000149	-1.39E-06	
6	4.99E-05	0.000341	-0.000830
-4.31E-05	-0.000114	-1.32E-06	
7	5.29E-05	0.000339	-0.000723
-4.30E-05	-6.63E-05	-1.31E-06	
8	5.41E-05	0.000339	-0.000696
-4.30E-05	-4.39E-05	-1.31E-06	
9	5.47E-05	0.000338	-0.000688
-4.30E-05	-3.50E-05	-1.32E-06	
10	5.53E-05	0.000338	-0.000683
-4.29E-05	-1.78E-05	-1.32E-06	
11	5.69E-05	0.000337	-0.000685
-4.29E-05	2.50E-05	-1.32E-06	
12	6.05E-05	0.000336	-0.000768
-4.27E-05	0.000110	-1.27E-06	
13	6.31E-05	0.000334	-0.000898
-4.26E-05	0.000167	-1.14E-06	
14	6.31E-05	0.000334	-0.001173
-4.26E-05	0.000216	-1.05E-06	
15	6.31E-05	0.000333	-0.001212
-4.26E-05	0.000217	-1.04E-06	
16	6.31E-05	0.000333	-0.001239
-4.26E-05	0.000217	-1.03E-06	
17	6.31E-05	0.000332	-0.001636
-4.26E-05	0.000219	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB05 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000347	-0.001256
-4.32E-05	-0.000144	-1.54E-06	
2	2.70E-06	0.000344	-0.000994
-4.32E-05	-0.000143	-1.50E-06	
3	2.70E-06	0.000344	-0.000975
-4.32E-05	-0.000142	-1.49E-06	
4	2.70E-06	0.000343	-0.000950
-4.32E-05	-0.000142	-1.48E-06	
5	2.70E-06	0.000342	-0.000765
-4.32E-05	-0.000119	-1.39E-06	
6	4.36E-06	0.000341	-0.000670
-4.31E-05	-9.09E-05	-1.32E-06	
7	6.59E-06	0.000339	-0.000585
-4.30E-05	-5.42E-05	-1.31E-06	
8	7.56E-06	0.000339	-0.000563
-4.30E-05	-3.73E-05	-1.31E-06	
9	7.94E-06	0.000338	-0.000556
-4.30E-05	-3.06E-05	-1.32E-06	
10	8.43E-06	0.000338	-0.000552
-4.29E-05	-1.78E-05	-1.32E-06	
11	9.63E-06	0.000337	-0.000551
-4.29E-05	1.43E-05	-1.32E-06	
12	1.24E-05	0.000336	-0.000608
-4.27E-05	7.78E-05	-1.27E-06	
13	1.44E-05	0.000334	-0.000700
-4.26E-05	0.000121	-1.14E-06	
14	1.44E-05	0.000334	-0.000904
-4.26E-05	0.000159	-1.05E-06	
15	1.44E-05	0.000333	-0.000933
-4.26E-05	0.000160	-1.04E-06	
16	1.44E-05	0.000333	-0.000953
-4.26E-05	0.000160	-1.03E-06	
17	1.44E-05	0.000332	-0.001248
-4.26E-05	0.000163	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB05 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000347	-0.001256
-4.30E-05	-3.73E-05	-1.31E-06	
9	7.94E-06	0.000338	-0.000556
-4.30E-05	-3.06E-05	-1.32E-06	
10	8.43E-06	0.000338	-0.000552
-4.29E-05	-1.78E-05	-1.32E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	9.63E-06	0.000337	-0.000551
-4.29E-05	1.43E-05	-1.32E-06	
12	1.24E-05	0.000336	-0.000608
-4.27E-05	7.78E-05	-1.27E-06	
13	1.44E-05	0.000334	-0.000700
-4.26E-05	0.000121	-1.14E-06	
14	1.44E-05	0.000334	-0.000904
-4.26E-05	0.000159	-1.05E-06	
15	1.44E-05	0.000333	-0.000933
-4.26E-05	0.000160	-1.04E-06	
16	1.44E-05	0.000333	-0.000953
-4.26E-05	0.000160	-1.03E-06	
17	1.44E-05	0.000332	-0.001248
-4.26E-05	0.000163	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB06 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.004925	-0.001569
-0.000659	-0.000181	-1.67E-05	
2	4.78E-05	0.004895	-0.001241
-0.000659	-0.000179	-1.67E-05	
3	4.78E-05	0.004893	-0.001218
-0.000659	-0.000179	-1.67E-05	
4	4.78E-05	0.004890	-0.001186
-0.000659	-0.000178	-1.67E-05	
5	4.78E-05	0.004873	-0.000952
-0.000654	-0.000149	-1.57E-05	
6	4.99E-05	0.004859	-0.000830
-0.000654	-0.000114	-1.36E-05	
7	5.29E-05	0.004844	-0.000723
-0.000653	-6.63E-05	-1.08E-05	
8	5.41E-05	0.004839	-0.000696
-0.000653	-4.39E-05	-9.50E-06	
9	5.47E-05	0.004837	-0.000688
-0.000652	-3.50E-05	-8.99E-06	
10	5.53E-05	0.004835	-0.000683
-0.000652	-1.78E-05	-8.35E-06	
11	5.69E-05	0.004831	-0.000685
-0.000652	2.50E-05	-6.75E-06	
12	6.05E-05	0.004825	-0.000768
-0.000651	0.000110	-3.06E-06	
13	6.31E-05	0.004823	-0.000898
-0.000650	0.000167	-2.73E-07	
14	6.31E-05	0.004828	-0.001173
-0.000656	0.000216	8.78E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	6.31E-05	0.004828	-0.001212
-0.000656	0.000217	8.78E-07	
16	6.31E-05	0.004828	-0.001239
-0.000656	0.000217	8.78E-07	
17	6.31E-05	0.004830	-0.001636
-0.000656	0.000219	8.78E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB06 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.004925	-0.001569
-0.000659	-0.000181	-1.67E-05	
2	4.78E-05	0.004895	-0.001241
-0.000659	-0.000179	-1.67E-05	
3	4.78E-05	0.004893	-0.001218
-0.000659	-0.000179	-1.67E-05	
4	4.78E-05	0.004890	-0.001186
-0.000659	-0.000178	-1.67E-05	
5	4.78E-05	0.004873	-0.000952

-0.000654	-0.000149	-1.57E-05	
6	4.99E-05	0.004859	-0.000830
-0.000654	-0.000114	-1.36E-05	
7	5.29E-05	0.004844	-0.000723
-0.000653	-6.63E-05	-1.08E-05	
8	5.41E-05	0.004839	-0.000696
-0.000653	-4.39E-05	-9.50E-06	
9	5.47E-05	0.004837	-0.000688
-0.000652	-3.50E-05	-8.99E-06	
10	5.53E-05	0.004835	-0.000683
-0.000652	-1.78E-05	-8.35E-06	
11	5.69E-05	0.004831	-0.000685
-0.000652	2.50E-05	-6.75E-06	
12	6.05E-05	0.004825	-0.000768
-0.000651	0.000110	-3.06E-06	
13	6.31E-05	0.004823	-0.000898
-0.000650	0.000167	-2.73E-07	
14	6.31E-05	0.004828	-0.001173
-0.000656	0.000216	8.78E-07	
15	6.31E-05	0.004828	-0.001212
-0.000656	0.000217	8.78E-07	
16	6.31E-05	0.004828	-0.001239
-0.000656	0.000217	8.78E-07	
17	6.31E-05	0.004830	-0.001636
-0.000656	0.000219	8.78E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB07 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	4.78E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	4.78E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	4.78E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	4.78E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	4.99E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.29E-05	-6.45E-21	-0.000723
-9.14E-23	-6.63E-05	-4.05E-21	
8	5.41E-05	-8.35E-21	-0.000696
-5.87E-23	-4.39E-05	-3.59E-21	
9	5.47E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.53E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.69E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.44E-23	
12	6.05E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.31E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.31E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.31E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.31E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.31E-05	1.82E-20	-0.001636
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB08 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.004925	-0.001256
-0.000659	-0.000144	-1.67E-05	
2	2.70E-06	0.004895	-0.000994
-0.000659	-0.000143	-1.67E-05	
3	2.70E-06	0.004893	-0.000975
-0.000659	-0.000142	-1.67E-05	
4	2.70E-06	0.004890	-0.000950
-0.000659	-0.000142	-1.67E-05	
5	2.70E-06	0.004873	-0.000765
-0.000654	-0.000119	-1.57E-05	
6	4.36E-06	0.004859	-0.000670
-0.000654	-9.09E-05	-1.36E-05	
7	6.59E-06	0.004844	-0.000585
-0.000653	-5.42E-05	-1.08E-05	
8	7.56E-06	0.004839	-0.000563
-0.000653	-3.73E-05	-9.50E-06	
9	7.94E-06	0.004837	-0.000556
-0.000652	-3.06E-05	-8.99E-06	
10	8.43E-06	0.004835	-0.000552
-0.000652	-1.78E-05	-8.35E-06	
11	9.63E-06	0.004831	-0.000551
-0.000652	1.43E-05	-6.75E-06	
12	1.24E-05	0.004825	-0.000608
-0.000651	7.78E-05	-3.06E-06	
13	1.44E-05	0.004823	-0.000700
-0.000650	0.000121	-2.73E-07	
14	1.44E-05	0.004828	-0.000904
-0.000656	0.000159	8.78E-07	
15	1.44E-05	0.004828	-0.000933
-0.000656	0.000160	8.78E-07	
16	1.44E-05	0.004828	-0.000953
-0.000656	0.000160	8.78E-07	
17	1.44E-05	0.004830	-0.001248
-0.000656	0.000163	8.78E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB07 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	4.78E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	4.78E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	4.78E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	4.78E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	4.99E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.29E-05	-6.45E-21	-0.000723
-9.14E-23	-6.63E-05	-4.05E-21	
8	5.41E-05	-8.35E-21	-0.000696
-5.87E-23	-4.39E-05	-3.59E-21	
9	5.47E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.53E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.69E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.44E-23	
12	6.05E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.31E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.31E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.31E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.31E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.31E-05	1.82E-20	-0.001636
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB08 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.004925	-0.001256
-0.000659	-0.000144	-1.67E-05	
2	2.70E-06	0.004895	-0.000994
-0.000659	-0.000143	-1.67E-05	
3	2.70E-06	0.004893	-0.000975
-0.000659	-0.000142	-1.67E-05	
4	2.70E-06	0.004890	-0.000950
-0.000659	-0.000142	-1.67E-05	
5	2.70E-06	0.004873	-0.000765
-0.000654	-0.000119	-1.57E-05	
6	4.36E-06	0.004859	-0.000670
-0.000654	-9.09E-05	-1.36E-05	
7	6.59E-06	0.004844	-0.000585
-0.000653	-5.42E-05	-1.08E-05	
8	7.56E-06	0.004839	-0.000563
-0.000653	-3.73E-05	-9.50E-06	
9	7.94E-06	0.004837	-0.000556
-0.000652	-3.06E-05	-8.99E-06	
10	8.43E-06	0.004835	-0.000552
-0.000652	-1.78E-05	-8.35E-06	
11	9.63E-06	0.004831	-0.000551
-0.000652	1.43E-05	-6.75E-06	
12	1.24E-05	0.004825	-0.000608
-0.000651	7.78E-05	-3.06E-06	
13	1.44E-05	0.004823	-0.000700
-0.000650	0.000121	-2.73E-07	
14	1.44E-05	0.004828	-0.000904
-0.000656	0.000159	8.78E-07	
15	1.44E-05	0.004828	-0.000933
-0.000656	0.000160	8.78E-07	
16	1.44E-05	0.004828	-0.000953
-0.000656	0.000160	8.78E-07	
17	1.44E-05	0.004830	-0.001248
-0.000656	0.000163	8.78E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB09 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB09 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB08 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.004925	-0.001256
-0.000659	-0.000144	-1.67E-05	
2	2.70E-06	0.004895	-0.000994
-0.000659	-0.000143	-1.67E-05	
3	2.70E-06	0.004893	-0.000975
-0.000659	-0.000142	-1.67E-05	
4	2.70E-06	0.004890	-0.000950
-0.000659	-0.000142	-1.67E-05	
5	2.70E-06	0.004873	-0.000765
-0.000654	-0.000119	-1.57E-05	
6	4.36E-06	0.004859	-0.000670
-0.000654	-9.09E-05	-1.36E-05	
7	6.59E-06	0.004844	-0.000585
-0.000653	-5.42E-05	-1.08E-05	
8	7.56E-06	0.004839	-0.000563
-0.000653	-3.73E-05	-9.50E-06	
9	7.94E-06	0.004837	-0.000556
-0.000652	-3.06E-05	-8.99E-06	
10	8.43E-06	0.004835	-0.000552
-0.000652	-1.78E-05	-8.35E-06	
11	9.63E-06	0.004831	-0.000551
-0.000652	1.43E-05	-6.75E-06	
12	1.24E-05	0.004825	-0.000608
-0.000651	7.78E-05	-3.06E-06	
13	1.44E-05	0.004823	-0.000700
-0.000650	0.000121	-2.73E-07	
14	1.44E-05	0.004828	-0.000904
-0.000656	0.000159	8.78E-07	
15	1.44E-05	0.004828	-0.000933
-0.000656	0.000160	8.78E-07	
16	1.44E-05	0.004828	-0.000953
-0.000656	0.000160	8.78E-07	
17	1.44E-05	0.004830	-0.001248
-0.000656	0.000163	8.78E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB10 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.005618	-0.001256
-0.000745	-0.000144	-1.98E-05	
2	2.70E-06	0.005582	-0.000994
-0.000745	-0.000143	-1.97E-05	
3	2.70E-06	0.005580	-0.000975
-0.000745	-0.000142	-1.97E-05	
4	2.70E-06	0.005576	-0.000950
-0.000745	-0.000142	-1.96E-05	
5	2.70E-06	0.005557	-0.000765
-0.000740	-0.000119	-1.85E-05	
6	4.36E-06	0.005540	-0.000670
-0.000740	-9.09E-05	-1.62E-05	
7	6.59E-06	0.005522	-0.000585
-0.000739	-5.42E-05	-1.34E-05	
8	7.56E-06	0.005516	-0.000563
-0.000738	-3.73E-05	-1.21E-05	
9	7.94E-06	0.005514	-0.000556
-0.000738	-3.06E-05	-1.16E-05	
10	8.43E-06	0.005511	-0.000552
-0.000738	-1.78E-05	-1.10E-05	
11	9.63E-06	0.005506	-0.000551
-0.000737	1.43E-05	-9.39E-06	
12	1.24E-05	0.005497	-0.000608
-0.000736	7.78E-05	-5.59E-06	
13	1.44E-05	0.005492	-0.000700
-0.000735	0.000121	-2.55E-06	
14	1.44E-05	0.005495	-0.000904
-0.000742	0.000159	-1.22E-06	
15	1.44E-05	0.005495	-0.000933
-0.000742	0.000160	-1.20E-06	
16	1.44E-05	0.005495	-0.000953
-0.000742	0.000160	-1.18E-06	
17	1.44E-05	0.005493	-0.001248
-0.000742	0.000163	-1.11E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB10 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.005618	-0.001256
-0.000745	-0.000144	-1.98E-05	
2	2.70E-06	0.005582	-0.000994
-0.000745	-0.000143	-1.97E-05	
3	2.70E-06	0.005580	-0.000975
-0.000745	-0.000142	-1.97E-05	
4	2.70E-06	0.005576	-0.000950
-0.000745	-0.000142	-1.96E-05	
5	2.70E-06	0.005557	-0.000765
-0.000740	-0.000119	-1.85E-05	
6	4.36E-06	0.005540	-0.000670
-0.000740	-9.09E-05	-1.62E-05	
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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	6.59E-06	0.005522	-0.000585
-0.000739	-5.42E-05	-1.34E-05	
8	7.56E-06	0.005516	-0.000563
-0.000738	-3.73E-05	-1.21E-05	
9	7.94E-06	0.005514	-0.000556
-0.000738	-3.06E-05	-1.16E-05	
10	8.43E-06	0.005511	-0.000552
-0.000738	-1.78E-05	-1.10E-05	
11	9.63E-06	0.005506	-0.000551
-0.000737	1.43E-05	-9.39E-06	
12	1.24E-05	0.005497	-0.000608
-0.000736	7.78E-05	-5.59E-06	
13	1.44E-05	0.005492	-0.000700
-0.000735	0.000121	-2.55E-06	
14	1.44E-05	0.005495	-0.000904
-0.000742	0.000159	-1.22E-06	
15	1.44E-05	0.005495	-0.000933
-0.000742	0.000160	-1.20E-06	
16	1.44E-05	0.005495	-0.000953
-0.000742	0.000160	-1.18E-06	
17	1.44E-05	0.005493	-0.001248
-0.000742	0.000163	-1.11E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB11 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000693	-0.001256
-8.64E-05	-0.000144	-3.07E-06	
2	2.70E-06	0.000687	-0.000994
-8.64E-05	-0.000143	-3.00E-06	
3	2.70E-06	0.000687	-0.000975
-8.64E-05	-0.000142	-2.98E-06	
4	2.70E-06	0.000687	-0.000950
-8.64E-05	-0.000142	-2.96E-06	
5	2.70E-06	0.000684	-0.000765
-8.64E-05	-0.000119	-2.78E-06	
6	4.36E-06	0.000682	-0.000670
-8.62E-05	-9.09E-05	-2.64E-06	
7	6.59E-06	0.000679	-0.000585
-8.60E-05	-5.42E-05	-2.61E-06	
8	7.56E-06	0.000677	-0.000563
-8.60E-05	-3.73E-05	-2.63E-06	
9	7.94E-06	0.000677	-0.000556
-8.59E-05	-3.06E-05	-2.63E-06	
10	8.43E-06	0.000676	-0.000552
-8.59E-05	-1.78E-05	-2.63E-06	
11	9.63E-06	0.000675	-0.000551
-8.57E-05	1.43E-05	-2.64E-06	
12	1.24E-05	0.000671	-0.000608
-8.55E-05	7.78E-05	-2.53E-06	
13	1.44E-05	0.000669	-0.000700
-8.53E-05	0.000121	-2.28E-06	
14	1.44E-05	0.000667	-0.000904
-8.53E-05	0.000159	-2.10E-06	
15	1.44E-05	0.000667	-0.000933
-8.53E-05	0.000160	-2.07E-06	
16	1.44E-05	0.000667	-0.000953
-8.53E-05	0.000160	-2.06E-06	
17	1.44E-05	0.000663	-0.001248
-8.53E-05	0.000163	-1.99E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB11 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000693	-0.001256
-8.64E-05	-0.000144	-3.07E-06	
2	2.70E-06	0.000687	-0.000994
-8.64E-05	-0.000143	-3.00E-06	
3	2.70E-06	0.000687	-0.000975
-8.64E-05	-0.000142	-2.98E-06	
4	2.70E-06	0.000687	-0.000950
-8.64E-05	-0.000142	-2.96E-06	
5	2.70E-06	0.000684	-0.000765
-8.64E-05	-0.000119	-2.78E-06	
6	4.36E-06	0.000682	-0.000670
-8.62E-05	-9.09E-05	-2.64E-06	
7	6.59E-06	0.000679	-0.000585
-8.60E-05	-5.42E-05	-2.61E-06	
8	7.56E-06	0.000677	-0.000563
-8.60E-05	-3.73E-05	-2.63E-06	
9	7.94E-06	0.000677	-0.000556
-8.59E-05	-3.06E-05	-2.63E-06	
10	8.43E-06	0.000676	-0.000552
-8.59E-05	-1.78E-05	-2.63E-06	
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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	9.63E-06	0.000675	-0.000551
-8.57E-05	1.43E-05	-2.64E-06	
12	1.24E-05	0.000671	-0.000608
-8.55E-05	7.78E-05	-2.53E-06	
13	1.44E-05	0.000669	-0.000700
-8.53E-05	0.000121	-2.28E-06	
14	1.44E-05	0.000667	-0.000904
-8.53E-05	0.000159	-2.10E-06	
15	1.44E-05	0.000667	-0.000933
-8.53E-05	0.000160	-2.07E-06	
16	1.44E-05	0.000667	-0.000953
-8.53E-05	0.000160	-2.06E-06	
17	1.44E-05	0.000663	-0.001248
-8.53E-05	0.000163	-1.99E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB12 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.005272	-0.001569
-0.000702	-0.000181	-1.82E-05	
2	4.78E-05	0.005239	-0.001241
-0.000702	-0.000179	-1.82E-05	
3	4.78E-05	0.005236	-0.001218
-0.000702	-0.000179	-1.82E-05	
4	4.78E-05	0.005233	-0.001186
-0.000702	-0.000178	-1.82E-05	
5	4.78E-05	0.005215	-0.000952
-0.000697	-0.000149	-1.71E-05	
6	4.99E-05	0.005200	-0.000830
-0.000697	-0.000114	-1.49E-05	
7	5.29E-05	0.005183	-0.000723
-0.000696	-6.63E-05	-1.21E-05	
8	5.41E-05	0.005177	-0.000696
-0.000696	-4.39E-05	-1.08E-05	
9	5.47E-05	0.005175	-0.000688
-0.000695	-3.50E-05	-1.03E-05	
10	5.53E-05	0.005173	-0.000683
-0.000695	-1.78E-05	-9.67E-06	
11	5.69E-05	0.005169	-0.000685
-0.000695	2.50E-05	-8.07E-06	
12	6.05E-05	0.005161	-0.000768
-0.000693	0.000110	-4.33E-06	
13	6.31E-05	0.005158	-0.000898
-0.000692	0.000167	-1.41E-06	
14	6.31E-05	0.005162	-0.001173
-0.000699	0.000216	-1.72E-07	
15	6.31E-05	0.005162	-0.001212
-0.000699	0.000217	-1.60E-07	
16	6.31E-05	0.005162	-0.001239
-0.000699	0.000217	-1.53E-07	
17	6.31E-05	0.005161	-0.001636
-0.000699	0.000219	-1.18E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB12 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.005272	-0.001569
-0.000702	-0.000181	-1.82E-05	
2	4.78E-05	0.005239	-0.001241
-0.000702	-0.000179	-1.82E-05	
3	4.78E-05	0.005236	-0.001218
-0.000702	-0.000179	-1.82E-05	
4	4.78E-05	0.005233	-0.001186
-0.000702	-0.000178	-1.82E-05	
5	4.78E-05	0.005215	-0.000952
-0.000697	-0.000149	-1.71E-05	
6	4.99E-05	0.005200	-0.000830
-0.000697	-0.000114	-1.49E-05	
7	5.29E-05	0.005183	-0.000723
-0.000696	-6.63E-05	-1.21E-05	
8	5.41E-05	0.005177	-0.000696
-0.000696	-4.39E-05	-1.08E-05	
9	5.47E-05	0.005175	-0.000688
-0.000695	-3.50E-05	-1.03E-05	
10	5.53E-05	0.005173	-0.000683
-0.000695	-1.78E-05	-9.67E-06	
11	5.69E-05	0.005169	-0.000685
-0.000695	2.50E-05	-8.07E-06	
12	6.05E-05	0.005161	-0.000768
-0.000693	0.000110	-4.33E-06	
13	6.31E-05	0.005158	-0.000898
-0.000692	0.000167	-1.41E-06	
14	6.31E-05	0.005162	-0.001173
-0.000699	0.000216	-1.72E-07	
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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	6.31E-05	0.005162	-0.001212
-0.000699	0.000217	-1.60E-07	
16	6.31E-05	0.005162	-0.001239
-0.000699	0.000217	-1.53E-07	
17	6.31E-05	0.005161	-0.001636
-0.000699	0.000219	-1.18E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB13 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.000347	-0.001569
-4.32E-05	-0.000181	-1.54E-06	
2	4.78E-05	0.000344	-0.001241
-4.32E-05	-0.000179	-1.50E-06	
3	4.78E-05	0.000344	-0.001218
-4.32E-05	-0.000179	-1.49E-06	
4	4.78E-05	0.000343	-0.001186
-4.32E-05	-0.000178	-1.48E-06	
5	4.78E-05	0.000342	-0.000952
-4.32E-05	-0.000149	-1.39E-06	
6	4.99E-05	0.000341	-0.000830
-4.31E-05	-0.000114	-1.32E-06	
7	5.29E-05	0.000339	-0.000723
-4.30E-05	-6.63E-05	-1.31E-06	
8	5.41E-05	0.000339	-0.000696
-4.30E-05	-4.39E-05	-1.31E-06	
9	5.47E-05	0.000338	-0.000688
-4.30E-05	-3.50E-05	-1.32E-06	
10	5.53E-05	0.000338	-0.000683
-4.29E-05	-1.78E-05	-1.32E-06	
11	5.69E-05	0.000337	-0.000685
-4.29E-05	2.50E-05	-1.32E-06	
12	6.05E-05	0.000336	-0.000768
-4.27E-05	0.000110	-1.27E-06	
13	6.31E-05	0.000334	-0.000898
-4.26E-05	0.000167	-1.14E-06	
14	6.31E-05	0.000334	-0.001173
-4.26E-05	0.000216	-1.05E-06	
15	6.31E-05	0.000333	-0.001212
-4.26E-05	0.000217	-1.04E-06	
16	6.31E-05	0.000333	-0.001239
-4.26E-05	0.000217	-1.03E-06	
17	6.31E-05	0.000332	-0.001636
-4.26E-05	0.000219	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB13 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	4.78E-05	0.000347	-0.001569
-4.32E-05	-0.000181	-1.54E-06	
2	4.78E-05	0.000344	-0.001241
-4.32E-05	-0.000179	-1.50E-06	
3	4.78E-05	0.000344	-0.001218
-4.32E-05	-0.000179	-1.49E-06	
4	4.78E-05	0.000343	-0.001186
-4.32E-05	-0.000178	-1.48E-06	
5	4.78E-05	0.000342	-0.000952
-4.32E-05	-0.000149	-1.39E-06	
6	4.99E-05	0.000341	-0.000830
-4.31E-05	-0.000114	-1.32E-06	
7	5.29E-05	0.000339	-0.000723
-4.30E-05	-6.63E-05	-1.31E-06	
8	5.41E-05	0.000339	-0.000696
-4.30E-05	-4.39E-05	-1.31E-06	
9	5.47E-05	0.000338	-0.000688
-4.30E-05	-3.50E-05	-1.32E-06	
10	5.53E-05	0.000338	-0.000683
-4.29E-05	-1.78E-05	-1.32E-06	
11	5.69E-05	0.000337	-0.000685
-4.29E-05	2.50E-05	-1.32E-06	
12	6.05E-05	0.000336	-0.000768
-4.27E-05	0.000110	-1.27E-06	
13	6.31E-05	0.000334	-0.000898
-4.26E-05	0.000167	-1.14E-06	
14	6.31E-05	0.000334	-0.001173
-4.26E-05	0.000216	-1.05E-06	
15	6.31E-05	0.000333	-0.001212
-4.26E-05	0.000217	-1.04E-06	
16	6.31E-05	0.000333	-0.001239
-4.26E-05	0.000217	-1.03E-06	
17	6.31E-05	0.000332	-0.001636
-4.26E-05	0.000219	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB14 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.005272	-0.001256
-0.000702	-0.000144	-1.82E-05	
2	2.70E-06	0.005239	-0.000994
-0.000702	-0.000143	-1.82E-05	
3	2.70E-06	0.005236	-0.000975
-0.000702	-0.000142	-1.82E-05	
4	2.70E-06	0.005233	-0.000950
-0.000702	-0.000142	-1.82E-05	
5	2.70E-06	0.005215	-0.000765
-0.000697	-0.000119	-1.71E-05	
6	4.36E-06	0.005200	-0.000670
-0.000697	-9.09E-05	-1.49E-05	
7	6.59E-06	0.005183	-0.000585
-0.000696	-5.42E-05	-1.21E-05	
8	7.56E-06	0.005177	-0.000563
-0.000696	-3.73E-05	-1.08E-05	
9	7.94E-06	0.005175	-0.000556
-0.000695	-3.06E-05	-1.03E-05	
10	8.43E-06	0.005173	-0.000552
-0.000695	-1.78E-05	-9.67E-06	
11	9.63E-06	0.005169	-0.000551
-0.000695	1.43E-05	-8.07E-06	
12	1.24E-05	0.005161	-0.000608
-0.000693	7.78E-05	-4.33E-06	
13	1.44E-05	0.005158	-0.000700
-0.000692	0.000121	-1.41E-06	
14	1.44E-05	0.005162	-0.000904
-0.000699	0.000159	-1.72E-07	
15	1.44E-05	0.005162	-0.000933
-0.000699	0.000160	-1.60E-07	
16	1.44E-05	0.005162	-0.000953
-0.000699	0.000160	-1.53E-07	
17	1.44E-05	0.005161	-0.001248
-0.000699	0.000163	-1.18E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB14 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.005272	-0.001256
-0.000702	-0.000144	-1.82E-05	
2	2.70E-06	0.005239	-0.000994
-0.000702	-0.000143	-1.82E-05	
3	2.70E-06	0.005236	-0.000975
-0.000702	-0.000142	-1.82E-05	
4	2.70E-06	0.005233	-0.000950
-0.000702	-0.000142	-1.82E-05	
5	2.70E-06	0.005215	-0.000765
-0.000697	-0.000119	-1.71E-05	
6	4.36E-06	0.005200	-0.000670
-0.000697	-9.09E-05	-1.49E-05	
7	6.59E-06	0.005183	-0.000585
-0.000696	-5.42E-05	-1.21E-05	
8	7.56E-06	0.005177	-0.000563
-0.000696	-3.73E-05	-1.08E-05	
9	7.94E-06	0.005175	-0.000556
-0.000695	-3.06E-05	-1.03E-05	
10	8.43E-06	0.005173	-0.000552
-0.000695	-1.78E-05	-9.67E-06	
11	9.63E-06	0.005169	-0.000551
-0.000695	1.43E-05	-8.07E-06	
12	1.24E-05	0.005161	-0.000608
-0.000693	7.78E-05	-4.33E-06	
13	1.44E-05	0.005158	-0.000700
-0.000692	0.000121	-1.41E-06	
14	1.44E-05	0.005162	-0.000904
-0.000699	0.000159	-1.72E-07	
15	1.44E-05	0.005162	-0.000933
-0.000699	0.000160	-1.60E-07	
16	1.44E-05	0.005162	-0.000953
-0.000699	0.000160	-1.53E-07	
17	1.44E-05	0.005161	-0.001248
-0.000699	0.000163	-1.18E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB15 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000347	-0.001256
-4.32E-05	-0.000144	-1.54E-06	
2	2.70E-06	0.000344	-0.000994
-4.32E-05	-0.000143	-1.50E-06	
3	2.70E-06	0.000344	-0.000975
-4.32E-05	-0.000142	-1.49E-06	
4	2.70E-06	0.000343	-0.000950
-4.32E-05	-0.000142	-1.48E-06	
5	2.70E-06	0.000342	-0.000765
-4.32E-05	-0.000119	-1.39E-06	
6	4.36E-06	0.000341	-0.000670
-4.31E-05	-9.09E-05	-1.32E-06	
7	6.59E-06	0.000339	-0.000585
-4.30E-05	-5.42E-05	-1.31E-06	
8	7.56E-06	0.000339	-0.000563
-4.30E-05	-3.73E-05	-1.31E-06	
9	7.94E-06	0.000338	-0.000556
-4.30E-05	-3.06E-05	-1.32E-06	
10	8.43E-06	0.000338	-0.000552
-4.29E-05	-1.78E-05	-1.32E-06	
11	9.63E-06	0.000337	-0.000551
-4.29E-05	1.43E-05	-1.32E-06	
12	1.24E-05	0.000336	-0.000608
-4.27E-05	7.78E-05	-1.27E-06	
13	1.44E-05	0.000334	-0.000700
-4.26E-05	0.000121	-1.14E-06	
14	1.44E-05	0.000334	-0.000904
-4.26E-05	0.000159	-1.05E-06	
15	1.44E-05	0.000333	-0.000933
-4.26E-05	0.000160	-1.04E-06	
16	1.44E-05	0.000333	-0.000953
-4.26E-05	0.000160	-1.03E-06	
17	1.44E-05	0.000332	-0.001248
-4.26E-05	0.000163	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB15 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000347	-0.001256
-4.32E-05	-0.000144	-1.54E-06	
2	2.70E-06	0.000344	-0.000994
-4.32E-05	-0.000143	-1.50E-06	
3	2.70E-06	0.000344	-0.000975
-4.32E-05	-0.000142	-1.49E-06	
4	2.70E-06	0.000343	-0.000950
-4.32E-05	-0.000142	-1.48E-06	
5	2.70E-06	0.000342	-0.000765
-4.32E-05	-0.000119	-1.39E-06	
6	4.36E-06	0.000341	-0.000670
-4.31E-05	-9.09E-05	-1.32E-06	
7	6.59E-06	0.000339	-0.000585
-4.30E-05	-5.42E-05	-1.31E-06	
8	7.56E-06	0.000339	-0.000563
-4.30E-05	-3.73E-05	-1.31E-06	
9	7.94E-06	0.000338	-0.000556
-4.30E-05	-3.06E-05	-1.32E-06	
10	8.43E-06	0.000338	-0.000552
-4.29E-05	-1.78E-05	-1.32E-06	
11	9.63E-06	0.000337	-0.000551
-4.29E-05	1.43E-05	-1.32E-06	
12	1.24E-05	0.000336	-0.000608
-4.27E-05	7.78E-05	-1.27E-06	
13	1.44E-05	0.000334	-0.000700
-4.26E-05	0.000121	-1.14E-06	
14	1.44E-05	0.000334	-0.000904
-4.26E-05	0.000159	-1.05E-06	
15	1.44E-05	0.000333	-0.000933
-4.26E-05	0.000160	-1.04E-06	
16	1.44E-05	0.000333	-0.000953
-4.26E-05	0.000160	-1.03E-06	
17	1.44E-05	0.000332	-0.001248
-4.26E-05	0.000163	-9.96E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB01 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000100	2.21E-20	-0.002306
-3.17E-22	-0.000266	-6.06E-21	
2	0.000100	1.12E-20	-0.001823
-3.17E-22	-0.000264	-6.03E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	0.000100	1.04E-20	-0.001790
-3.17E-22	-0.000264	-6.04E-21	
4	0.000100	9.37E-21	-0.001742
-3.17E-22	-0.000263	-6.04E-21	
5	0.000100	4.49E-21	-0.001396
-3.17E-22	-0.000220	-6.22E-21	
6	0.000104	-1.76E-21	-0.001215
-2.43E-22	-0.000168	-6.62E-21	
7	0.000108	-9.76E-21	-0.001056
-1.38E-22	-9.66E-05	-6.12E-21	
8	0.000110	-1.26E-20	-0.001018
-8.85E-23	-6.27E-05	-5.43E-21	
9	0.000111	-1.37E-20	-0.001007
-6.88E-23	-4.92E-05	-5.16E-21	
10	0.000112	-1.46E-20	-0.001000
-3.69E-23	-2.32E-05	-3.70E-21	
11	0.000114	-1.55E-20	-0.001004
4.28E-23	4.17E-05	-5.77E-23	
12	0.000120	-1.14E-20	-0.001136
2.07E-22	0.000170	5.73E-21	
13	0.000124	-4.49E-21	-0.001337
3.17E-22	0.000255	8.52E-21	
14	0.000124	3.70E-21	-0.001754
3.17E-22	0.000329	1.11E-20	
15	0.000124	5.65E-21	-0.001812
3.17E-22	0.000330	1.12E-20	
16	0.000124	7.04E-21	-0.001854
3.17E-22	0.000330	1.12E-20	
17	0.000124	2.73E-20	-0.002457
3.17E-22	0.000333	1.13E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB01 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000100	2.21E-20	-0.002306
-3.17E-22	-0.000266	-6.06E-21	
2	0.000100	1.12E-20	-0.001823
-3.17E-22	-0.000264	-6.03E-21	
3	0.000100	1.04E-20	-0.001790
-3.17E-22	-0.000264	-6.04E-21	
4	0.000100	9.37E-21	-0.001742
-3.17E-22	-0.000263	-6.04E-21	
5	0.000100	4.49E-21	-0.001396
-3.17E-22	-0.000220	-6.22E-21	
6	0.000104	-1.76E-21	-0.001215
-2.43E-22	-0.000168	-6.62E-21	
7	0.000108	-9.76E-21	-0.001056
-1.38E-22	-9.66E-05	-6.12E-21	
8	0.000110	-1.26E-20	-0.001018
-8.85E-23	-6.27E-05	-5.43E-21	
9	0.000111	-1.37E-20	-0.001007
-6.88E-23	-4.92E-05	-5.16E-21	
10	0.000112	-1.46E-20	-0.001000
-3.69E-23	-2.32E-05	-3.70E-21	
11	0.000114	-1.55E-20	-0.001004
4.28E-23	4.17E-05	-5.77E-23	
12	0.000120	-1.14E-20	-0.001136
2.07E-22	0.000170	5.73E-21	
13	0.000124	-4.49E-21	-0.001337
3.17E-22	0.000255	8.52E-21	
14	0.000124	3.70E-21	-0.001754
3.17E-22	0.000329	1.11E-20	
15	0.000124	5.65E-21	-0.001812
3.17E-22	0.000330	1.12E-20	
16	0.000124	7.04E-21	-0.001854
3.17E-22	0.000330	1.12E-20	
17	0.000124	2.73E-20	-0.002457
3.17E-22	0.000333	1.13E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB02 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	3.51E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	
3	3.51E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	3.51E-06	6.08E-21	-0.001235
-2.07E-22	-0.000185	-3.89E-21	
5	3.51E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	5.67E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	
7	8.56E-06	-6.28E-21	-0.000760
-9.00E-23	-7.05E-05	-3.95E-21	
8	9.82E-06	-8.14E-21	-0.000732
-5.78E-23	-4.85E-05	-3.51E-21	
9	1.03E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.10E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.25E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.77E-23	
12	1.61E-05	-7.41E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	1.87E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	1.87E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	1.87E-05	3.67E-21	-0.001212
2.07E-22	0.000208	7.31E-21	
16	1.87E-05	4.58E-21	-0.001239
2.07E-22	0.000208	7.33E-21	
17	1.87E-05	1.79E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB02 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	3.51E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	
3	3.51E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	3.51E-06	6.08E-21	-0.001235
-2.07E-22	-0.000185	-3.89E-21	
5	3.51E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	5.67E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	
7	8.56E-06	-6.28E-21	-0.000760
-9.00E-23	-7.05E-05	-3.95E-21	
8	9.82E-06	-8.14E-21	-0.000732
-5.78E-23	-4.85E-05	-3.51E-21	
9	1.03E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.10E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.25E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.77E-23	
12	1.61E-05	-7.41E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	1.87E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	1.87E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	1.87E-05	3.67E-21	-0.001212
2.07E-22	0.000208	7.31E-21	
16	1.87E-05	4.58E-21	-0.001239
2.07E-22	0.000208	7.33E-21	
17	1.87E-05	1.79E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB03 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	0.000901	-0.001633
-0.000112	-0.000188	-3.99E-06	
2	3.51E-06	0.000894	-0.001292
-0.000112	-0.000186	-3.90E-06	
3	3.51E-06	0.000893	-0.001268
-0.000112	-0.000185	-3.88E-06	
4	3.51E-06	0.000892	-0.001235
-0.000112	-0.000185	-3.85E-06	
5	3.51E-06	0.000889	-0.000995
-0.000112	-0.000154	-3.61E-06	
6	5.67E-06	0.000886	-0.000871
-0.000112	-0.000118	-3.43E-06	
7	8.56E-06	0.000882	-0.000760
-0.000112	-7.05E-05	-3.40E-06	
8	9.82E-06	0.000880	-0.000732
-0.000112	-4.85E-05	-3.41E-06	
9	1.03E-05	0.000880	-0.000723
-0.000112	-3.98E-05	-3.42E-06	
10	1.10E-05	0.000879	-0.000717
-0.000112	-2.31E-05	-3.43E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	8.56E-06	-6.28E-21	-0.000760
-9.00E-23	-7.05E-05	-3.95E-21	
8	9.82E-06	-8.14E-21	-0.000732
-5.78E-23	-4.85E-05	-3.51E-21	
9	1.03E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.10E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.25E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.77E-23	
12	1.61E-05	-7.41E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	1.87E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	1.87E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	1.87E-05	3.67E-21	-0.001212
2.07E-22	0.000208	7.31E-21	
16	1.87E-05	4.58E-21	-0.001239
2.07E-22	0.000208	7.33E-21	
17	1.87E-05	1.79E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB03 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	0.000901	-0.001633
-0.000112	-0.000188	-3.99E-06	
2	3.51E-06	0.000894	-0.001292
-0.000112	-0.000186	-3.90E-06	
3	3.51E-06	0.000893	-0.001268
-0.000112	-0.000185	-3.88E-06	
4	3.51E-06	0.000892	-0.001235
-0.000112	-0.000185	-3.85E-06	
5	3.51E-06	0.000889	-0.000995
-0.000112	-0.000154	-3.61E-06	
6	5.67E-06	0.000886	-0.000871
-0.000112	-0.000118	-3.43E-06	
7	8.56E-06	0.000882	-0.000760
-0.000112	-7.05E-05	-3.40E-06	
8	9.82E-06	0.000880	-0.000732
-0.000112	-4.85E-05	-3.41E-06	
9	1.03E-05	0.000880	-0.000723
-0.000112	-3.98E-05	-3.42E-06	
10	1.10E-05	0.000879	-0.000717
-0.000112	-2.31E-05	-3.43E-06	
11	1.25E-05	0.000877	-0.000716
-0.000111	1.86E-05	-3.43E-06	
12	1.61E-05	0.000873	-0.000790
-0.000111	0.000101	-3.29E-06	
13	1.87E-05	0.000869	-0.000910
-0.000111	0.000158	-2.96E-06	
14	1.87E-05	0.000867	-0.001175
-0.000111	0.000207	-2.73E-06	
15	1.87E-05	0.000867	-0.001212
-0.000111	0.000208	-2.70E-06	
16	1.87E-05	0.000867	-0.001239
-0.000111	0.000208	-2.68E-06	
17	1.87E-05	0.000862	-0.001623
-0.000111	0.000212	-2.59E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

.000000	.000000	.000000

COMB ULB04 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	0.000451	-0.002040
-5.61E-05	-0.000235	-2.00E-06	
2	6.21E-05	0.000447	-0.001613
-5.61E-05	-0.000233	-1.95E-06	
3	6.21E-05	0.000447	-0.001583
-5.61E-05	-0.000233	-1.94E-06	
4	6.21E-05	0.000446	-0.001542
-5.61E-05	-0.000232	-1.92E-06	
5	6.21E-05	0.000445	-0.001237
-5.61E-05	-0.000194	-1.81E-06	
6	6.49E-05	0.000443	-0.001079
-5.60E-05	-0.000148	-1.71E-06	
7	6.87E-05	0.000441	-0.000939
-5.59E-05	-8.62E-05	-1.70E-06	
8	7.04E-05	0.000440	-0.000905
-5.59E-05	-5.71E-05	-1.71E-06	
9	7.10E-05	0.000440	-0.000895
-5.59E-05	-4.55E-05	-1.71E-06	
10	7.19E-05	0.000440	-0.000888
-5.58E-05	-2.32E-05	-1.71E-06	
11	7.39E-05	0.000439	-0.000890
-5.57E-05	3.25E-05	-1.71E-06	
12	7.86E-05	0.000436	-0.000999
-5.56E-05	0.000143	-1.65E-06	
13	8.21E-05	0.000435	-0.001168
-5.54E-05	0.000217	-1.48E-06	
14	8.21E-05	0.000434	-0.001525
-5.54E-05	0.000281	-1.36E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	8.21E-05	0.000433	-0.001575
-5.54E-05	0.000281	-1.35E-06	
16	8.21E-05	0.000433	-0.001611
-5.54E-05	0.000282	-1.34E-06	
17	8.21E-05	0.000431	-0.002127
-5.54E-05	0.000285	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB04 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	0.000451	-0.002040
-5.61E-05	-0.000235	-2.00E-06	
2	6.21E-05	0.000447	-0.001613
-5.61E-05	-0.000233	-1.95E-06	
3	6.21E-05	0.000447	-0.001583
-5.61E-05	-0.000233	-1.94E-06	
4	6.21E-05	0.000446	-0.001542
-5.61E-05	-0.000232	-1.92E-06	
5	6.21E-05	0.000445	-0.001237
-5.61E-05	-0.000194	-1.81E-06	
6	6.49E-05	0.000443	-0.001079
-5.60E-05	-0.000148	-1.71E-06	
7	6.87E-05	0.000441	-0.000939
-5.59E-05	-8.62E-05	-1.70E-06	
8	7.04E-05	0.000440	-0.000905
-5.59E-05	-5.71E-05	-1.71E-06	
9	7.10E-05	0.000440	-0.000895
-5.59E-05	-4.55E-05	-1.71E-06	
10	7.19E-05	0.000440	-0.000888
-5.58E-05	-2.32E-05	-1.71E-06	
11	7.39E-05	0.000439	-0.000890
-5.57E-05	3.25E-05	-1.71E-06	
12	7.86E-05	0.000436	-0.000999
-5.56E-05	0.000143	-1.65E-06	
13	8.21E-05	0.000435	-0.001168
-5.54E-05	0.000217	-1.48E-06	
14	8.21E-05	0.000434	-0.001525
-5.54E-05	0.000281	-1.36E-06	
15	8.21E-05	0.000433	-0.001575
-5.54E-05	0.000281	-1.35E-06	
16	8.21E-05	0.000433	-0.001611
-5.54E-05	0.000282	-1.34E-06	
17	8.21E-05	0.000431	-0.002127
-5.54E-05	0.000285	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB05 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	0.000451	-0.001633
-5.61E-05	-0.000188	-2.00E-06	
2	3.51E-06	0.000447	-0.001292
-5.61E-05	-0.000186	-1.95E-06	
3	3.51E-06	0.000447	-0.001268
-5.61E-05	-0.000185	-1.94E-06	
4	3.51E-06	0.000446	-0.001235
-5.61E-05	-0.000185	-1.92E-06	
5	3.51E-06	0.000445	-0.000995
-5.61E-05	-0.000154	-1.81E-06	
6	5.67E-06	0.000443	-0.000871
-5.60E-05	-0.000118	-1.71E-06	
7	8.56E-06	0.000441	-0.000760
-5.59E-05	-7.05E-05	-1.70E-06	
8	9.82E-06	0.000440	-0.000732
-5.59E-05	-4.85E-05	-1.71E-06	
9	1.03E-05	0.000440	-0.000723
-5.59E-05	-3.98E-05	-1.71E-06	
10	1.10E-05	0.000440	-0.000717
-5.58E-05	-2.31E-05	-1.71E-06	
11	1.25E-05	0.000439	-0.000716
-5.57E-05	1.86E-05	-1.71E-06	
12	1.61E-05	0.000436	-0.000790
-5.56E-05	0.000101	-1.65E-06	
13	1.87E-05	0.000435	-0.000910
-5.54E-05	0.000158	-1.48E-06	
14	1.87E-05	0.000434	-0.001175
-5.54E-05	0.000207	-1.36E-06	
15	1.87E-05	0.000433	-0.001212
-5.54E-05	0.000208	-1.35E-06	
16	1.87E-05	0.000433	-0.001239
-5.54E-05	0.000208	-1.34E-06	
17	1.87E-05	0.000431	-0.001623
-5.54E-05	0.000212	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB05 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	0.000451	-0.001633
-5.61E-05	-0.000188	-2.00E-06	
2	3.51E-06	0.000447	-0.001292
-5.61E-05	-0.000186	-1.95E-06	
3	3.51E-06	0.000447	-0.001268
-5.61E-05	-0.000185	-1.94E-06	
4	3.51E-06	0.000446	-0.001235
-5.61E-05	-0.000185	-1.92E-06	
5	3.51E-06	0.000445	-0.000995
-5.61E-05	-0.000154	-1.81E-06	
6	5.67E-06	0.000443	-0.000871
-5.60E-05	-0.000118	-1.71E-06	
7	8.56E-06	0.000441	-0.000760
-5.59E-05	-7.05E-05	-1.70E-06	
8	9.82E-06	0.000440	-0.000732
-5.59E-05	-4.85E-05	-1.71E-06	
9	1.03E-05	0.000440	-0.000723
-5.59E-05	-3.98E-05	-1.71E-06	
10	1.10E-05	0.000440	-0.000717
-5.58E-05	-2.31E-05	-1.71E-06	
11	1.25E-05	0.000439	-0.000716
-5.57E-05	1.86E-05	-1.71E-06	
12	1.61E-05	0.000436	-0.000790
-5.56E-05	0.000101	-1.65E-06	
13	1.87E-05	0.000435	-0.000910
-5.54E-05	0.000158	-1.48E-06	
14	1.87E-05	0.000434	-0.001175
-5.54E-05	0.000207	-1.36E-06	
15	1.87E-05	0.000433	-0.001212
-5.54E-05	0.000208	-1.35E-06	
16	1.87E-05	0.000433	-0.001239
-5.54E-05	0.000208	-1.34E-06	
17	1.87E-05	0.000431	-0.001623
-5.54E-05	0.000212	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB06 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	0.006402	-0.002040
-0.000856	-0.000235	-2.17E-05	
2	6.21E-05	0.006363	-0.001613
-0.000856	-0.000233	-2.17E-05	
3	6.21E-05	0.006361	-0.001583
-0.000856	-0.000233	-2.17E-05	
4	6.21E-05	0.006357	-0.001542
-0.000856	-0.000232	-2.17E-05	
5	6.21E-05	0.006335	-0.001237
-0.000850	-0.000194	-2.04E-05	
6	6.49E-05	0.006317	-0.001079
-0.000850	-0.000148	-1.77E-05	
7	6.87E-05	0.006297	-0.000939
-0.000849	-8.62E-05	-1.40E-05	
8	7.04E-05	0.006290	-0.000905
-0.000848	-5.71E-05	-1.23E-05	
9	7.10E-05	0.006288	-0.000895
-0.000848	-4.55E-05	-1.17E-05	
10	7.19E-05	0.006286	-0.000888
-0.000848	-2.32E-05	-1.09E-05	
11	7.39E-05	0.006281	-0.000890
-0.000847	3.25E-05	-8.78E-06	
12	7.86E-05	0.006273	-0.000999
-0.000846	0.000143	-3.98E-06	
13	8.21E-05	0.006271	-0.001168
-0.000845	0.000217	-3.55E-07	
14	8.21E-05	0.006276	-0.001525
-0.000853	0.000281	1.14E-06	
15	8.21E-05	0.006277	-0.001575
-0.000853	0.000281	1.14E-06	
16	8.21E-05	0.006277	-0.001611
-0.000853	0.000282	1.14E-06	
17	8.21E-05	0.006279	-0.002127
-0.000853	0.000285	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB06 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	0.006402	-0.002040
-0.000856	-0.000235	-2.17E-05	
2	6.21E-05	0.006363	-0.001613
-0.000856	-0.000233	-2.17E-05	
3	6.21E-05	0.006361	-0.001583
-0.000856	-0.000233	-2.17E-05	
4	6.21E-05	0.006357	-0.001542
-0.000856	-0.000232	-2.17E-05	
5	6.21E-05	0.006335	-0.001237
-0.000850	-0.000194	-2.04E-05	
6	6.49E-05	0.006317	-0.001079
-0.000850	-0.000148	-1.77E-05	
7	6.87E-05	0.006297	-0.000939
-0.000849	-8.62E-05	-1.40E-05	
8	7.04E-05	0.006290	-0.000905
-0.000848	-5.71E-05	-1.23E-05	
9	7.10E-05	0.006288	-0.000895
-0.000848	-4.55E-05	-1.17E-05	
10	7.19E-05	0.006286	-0.000888
-0.000848	-2.32E-05	-1.09E-05	
11	7.39E-05	0.006281	-0.000890
-0.000847	3.25E-05	-8.78E-06	
12	7.86E-05	0.006273	-0.000999
-0.000846	0.000143	-3.98E-06	
13	8.21E-05	0.006271	-0.001168
-0.000845	0.000217	-3.55E-07	
14	8.21E-05	0.006276	-0.001525
-0.000853	0.000281	1.14E-06	
15	8.21E-05	0.006277	-0.001575
-0.000853	0.000281	1.14E-06	
16	8.21E-05	0.006277	-0.001611
-0.000853	0.000282	1.14E-06	
17	8.21E-05	0.006279	-0.002127
-0.000853	0.000285	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB07 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.21E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	
3	6.21E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.21E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.21E-05	3.88E-21	-0.001237
-2.10E-22	-0.000194	-5.35E-21	
6	6.49E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	6.87E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.04E-05	-1.09E-20	-0.000905
-7.64E-23	-5.71E-05	-4.67E-21	
9	7.10E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.19E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.39E-05	-1.33E-20	-0.000890
3.69E-23	3.25E-05	-5.77E-23	
12	7.86E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.21E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.21E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.60E-21	
15	8.21E-05	4.86E-21	-0.001575
2.74E-22	0.000281	9.64E-21	
16	8.21E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.21E-05	2.36E-20	-0.002127
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB07 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.21E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	6.21E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.21E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.21E-05	3.88E-21	-0.001237
-2.74E-22	-0.000194	-5.35E-21	
6	6.49E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	6.87E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.04E-05	-1.09E-20	-0.000905
-7.64E-23	-5.71E-05	-4.67E-21	
9	7.10E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.19E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.39E-05	-1.33E-20	-0.000890
3.69E-23	3.25E-05	-5.77E-23	
12	7.86E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.21E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.21E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.60E-21	
15	8.21E-05	4.86E-21	-0.001575
2.74E-22	0.000281	9.64E-21	
16	8.21E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.21E-05	2.36E-20	-0.002127
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB08 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	0.006402	-0.001633
-0.000856	-0.000188	-2.17E-05	
2	3.51E-06	0.006363	-0.001292
-0.000856	-0.000186	-2.17E-05	
3	3.51E-06	0.006361	-0.001268
-0.000856	-0.000185	-2.17E-05	
4	3.51E-06	0.006357	-0.001235
-0.000856	-0.000185	-2.17E-05	
5	3.51E-06	0.006335	-0.000995
-0.000850	-0.000154	-2.04E-05	
6	5.67E-06	0.006317	-0.000871
-0.000850	-0.000118	-1.77E-05	
7	8.56E-06	0.006297	-0.000760
-0.000849	-7.05E-05	-1.40E-05	
8	9.82E-06	0.006290	-0.000732
-0.000848	-4.85E-05	-1.23E-05	
9	1.03E-05	0.006288	-0.000723
-0.000848	-3.98E-05	-1.17E-05	
10	1.10E-05	0.006286	-0.000717
-0.000848	-2.31E-05	-1.09E-05	
11	1.25E-05	0.006281	-0.000716
-0.000847	1.86E-05	-8.78E-06	
12	1.61E-05	0.006273	-0.000790
-0.000846	0.000101	-3.98E-06	
13	1.87E-05	0.006271	-0.000910
-0.000845	0.000158	-3.55E-07	
14	1.87E-05	0.006276	-0.001175
-0.000853	0.000207	1.14E-06	
15	1.87E-05	0.006277	-0.001212
-0.000853	0.000208	1.14E-06	
16	1.87E-05	0.006277	-0.001239
-0.000853	0.000208	1.14E-06	
17	1.87E-05	0.006279	-0.001623
-0.000853	0.000212	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB08 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	0.006402	-0.001633
-0.000856	-0.000188	-2.17E-05	
2	3.51E-06	0.006363	-0.001292
-0.000856	-0.000186	-2.17E-05	
3	3.51E-06	0.006361	-0.001268
-0.000856	-0.000185	-2.17E-05	
4	3.51E-06	0.006357	-0.001235
-0.000856	-0.000185	-2.17E-05	

-0.000856	-0.000185	-2.17E-05	
5	3.51E-06	0.006335	-0.000995
-0.000850	-0.000154	-2.04E-05	
6	5.67E-06	0.006317	-0.000871
-0.000850	-0.000118	-1.77E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	8.56E-06	0.006297	-0.000760
-0.000849	-7.05E-05	-1.40E-05	
8	9.82E-06	0.006290	-0.000732
-0.000848	-4.85E-05	-1.23E-05	
9	1.03E-05	0.006288	-0.000723
-0.000848	-3.98E-05	-1.17E-05	
10	1.10E-05	0.006286	-0.000717
-0.000848	-2.31E-05	-1.09E-05	
11	1.25E-05	0.006281	-0.000716
-0.000847	1.86E-05	-8.78E-06	
12	1.61E-05	0.006273	-0.000790
-0.000846	0.000101	-3.98E-06	
13	1.87E-05	0.006271	-0.000910
-0.000845	0.000158	-3.55E-07	
14	1.87E-05	0.006276	-0.001175
-0.000853	0.000207	1.14E-06	
15	1.87E-05	0.006277	-0.001212
-0.000853	0.000208	1.14E-06	
16	1.87E-05	0.006277	-0.001239
-0.000853	0.000208	1.14E-06	
17	1.87E-05	0.006279	-0.001623
-0.000853	0.000212	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB09 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	3.51E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	
3	3.51E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	3.51E-06	6.08E-21	-0.001235
-2.07E-22	-0.000185	-3.89E-21	
5	3.51E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	5.67E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	
7	8.56E-06	-6.28E-21	-0.000760
-9.00E-23	-7.05E-05	-3.95E-21	
8	9.82E-06	-8.14E-21	-0.000732
-5.78E-23	-4.85E-05	-3.51E-21	
9	1.03E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.10E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.25E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.77E-23	
12	1.61E-05	-7.41E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	1.87E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	1.87E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	1.87E-05	3.67E-21	-0.001212
2.07E-22	0.000208	7.31E-21	
16	1.87E-05	4.58E-21	-0.001239
2.07E-22	0.000208	7.33E-21	
17	1.87E-05	1.79E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB09 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.51E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	3.51E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	
3	3.51E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	3.51E-06	6.08E-21	-0.001235
-2.07E-22	-0.000185	-3.89E-21	
5	3.51E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	5.67E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	
7	8.56E-06	-6.28E-21	-0.000760
-9.00E-23	-7.05E-05	-3.95E-21	
8	9.82E-06	-8.14E-21	-0.000732
-5.78E-23	-4.85E-05	-3.51E-21	
9	1.03E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.10E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	1.25E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.77E-23	
12	1.61E-05	-7.41E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	1.87E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	1.87E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	1.87E-05	3.67E-21	-0.001212
2.07E-22	0.000208	7.31E-21	
16	1.87E-05	4.58E-21	-0.001239
2.07E-22	0.000208	7.33E-21	
17	1.87E-05	1.79E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB10 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.007023	-0.001571

-0.000931	-0.000180	-2.47E-05	
2	3.37E-06	0.006978	-0.001242
-0.000931	-0.000178	-2.46E-05	
3	3.37E-06	0.006975	-0.001219
-0.000931	-0.000178	-2.46E-05	
4	3.37E-06	0.006971	-0.001187
-0.000931	-0.000177	-2.46E-05	
5	3.37E-06	0.006947	-0.000957
-0.000925	-0.000148	-2.31E-05	
6	5.45E-06	0.006926	-0.000837
-0.000925	-0.000114	-2.03E-05	
7	8.24E-06	0.006903	-0.000731
-0.000924	-6.78E-05	-1.67E-05	
8	9.44E-06	0.006895	-0.000704
-0.000923	-4.66E-05	-1.52E-05	
9	9.93E-06	0.006892	-0.000696
-0.000923	-3.83E-05	-1.45E-05	
10	1.05E-05	0.006889	-0.000690
-0.000923	-2.22E-05	-1.37E-05	
11	1.20E-05	0.006883	-0.000689
-0.000922	1.79E-05	-1.17E-05	
12	1.55E-05	0.006871	-0.000759
-0.000920	9.73E-05	-6.99E-06	
13	1.80E-05	0.006865	-0.000875
-0.000919	0.000152	-3.19E-06	
14	1.80E-05	0.006869	-0.001130
-0.000927	0.000199	-1.53E-06	
15	1.80E-05	0.006869	-0.001166
-0.000927	0.000200	-1.50E-06	
16	1.80E-05	0.006869	-0.001191
-0.000927	0.000200	-1.48E-06	
17	1.80E-05	0.006866	-0.001561
-0.000927	0.000203	-1.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB10 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.007023	-0.001571
-0.000931	-0.000180	-2.47E-05	
2	3.37E-06	0.006978	-0.001242
-0.000931	-0.000178	-2.46E-05	
3	3.37E-06	0.006975	-0.001219
-0.000931	-0.000178	-2.46E-05	
4	3.37E-06	0.006971	-0.001187
-0.000931	-0.000177	-2.46E-05	
5	3.37E-06	0.006947	-0.000957
-0.000925	-0.000148	-2.31E-05	
6	5.45E-06	0.006926	-0.000837
-0.000925	-0.000114	-2.03E-05	
7	8.24E-06	0.006903	-0.000731
-0.000924	-6.78E-05	-1.67E-05	
8	9.44E-06	0.006895	-0.000704
-0.000923	-4.66E-05	-1.52E-05	
9	9.93E-06	0.006892	-0.000696
-0.000923	-3.83E-05	-1.45E-05	
10	1.05E-05	0.006889	-0.000690
-0.000923	-2.22E-05	-1.37E-05	
11	1.20E-05	0.006883	-0.000689
-0.000922	1.79E-05	-1.17E-05	
12	1.55E-05	0.006871	-0.000759
-0.000920	9.73E-05	-6.99E-06	
13	1.80E-05	0.006865	-0.000875
-0.000919	0.000152	-3.19E-06	
14	1.80E-05	0.006869	-0.001130
-0.000927	0.000199	-1.53E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	1.80E-05	0.006869	-0.001166
-0.000927	0.000200	-1.50E-06	
16	1.80E-05	0.006869	-0.001191
-0.000927	0.000200	-1.48E-06	
17	1.80E-05	0.006866	-0.001561
-0.000927	0.000203	-1.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB11 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.000866	-0.001571
-0.000108	-0.000180	-3.84E-06	
2	3.37E-06	0.000859	-0.001242
-0.000108	-0.000178	-3.75E-06	
3	3.37E-06	0.000859	-0.001219
-0.000108	-0.000178	-3.73E-06	
4	3.37E-06	0.000858	-0.001187
-0.000108	-0.000177	-3.70E-06	
5	3.37E-06	0.000855	-0.000957
-0.000108	-0.000148	-3.47E-06	
6	5.45E-06	0.000852	-0.000837
-0.000108	-0.000114	-3.29E-06	
7	8.24E-06	0.000848	-0.000731
-0.000108	-6.78E-05	-3.27E-06	
8	9.44E-06	0.000847	-0.000704
-0.000107	-4.66E-05	-3.28E-06	
9	9.93E-06	0.000846	-0.000696
-0.000107	-3.83E-05	-3.29E-06	
10	1.05E-05	0.000845	-0.000690
-0.000107	-2.22E-05	-3.29E-06	
11	1.20E-05	0.000843	-0.000689
-0.000107	1.79E-05	-3.30E-06	
12	1.55E-05	0.000839	-0.000759
-0.000107	9.73E-05	-3.17E-06	
13	1.80E-05	0.000836	-0.000875
-0.000107	0.000152	-2.84E-06	
14	1.80E-05	0.000834	-0.001130
-0.000107	0.000199	-2.62E-06	
15	1.80E-05	0.000834	-0.001166
-0.000107	0.000200	-2.59E-06	
16	1.80E-05	0.000833	-0.001191
-0.000107	0.000200	-2.58E-06	
17	1.80E-05	0.000829	-0.001561
-0.000107	0.000203	-2.49E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB11 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.000866	-0.001571
-0.000108	-0.000180	-3.84E-06	
2	3.37E-06	0.000859	-0.001242
-0.000108	-0.000178	-3.75E-06	
3	3.37E-06	0.000859	-0.001219
-0.000108	-0.000178	-3.73E-06	
4	3.37E-06	0.000858	-0.001187
-0.000108	-0.000177	-3.70E-06	
5	3.37E-06	0.000855	-0.000957

-0.000108	-0.000148	-3.47E-06	
6	5.45E-06	0.000852	-0.000837
-0.000108	-0.000114	-3.29E-06	
7	8.24E-06	0.000848	-0.000731
-0.000108	-6.78E-05	-3.27E-06	
8	9.44E-06	0.000847	-0.000704
-0.000107	-4.66E-05	-3.28E-06	
9	9.93E-06	0.000846	-0.000696
-0.000107	-3.83E-05	-3.29E-06	
10	1.05E-05	0.000845	-0.000690
-0.000107	-2.22E-05	-3.29E-06	
11	1.20E-05	0.000843	-0.000689
-0.000107	1.79E-05	-3.30E-06	
12	1.55E-05	0.000839	-0.000759
-0.000107	9.73E-05	-3.17E-06	
13	1.80E-05	0.000836	-0.000875
-0.000107	0.000152	-2.84E-06	
14	1.80E-05	0.000834	-0.001130
-0.000107	0.000199	-2.62E-06	
15	1.80E-05	0.000834	-0.001166
-0.000107	0.000200	-2.59E-06	
16	1.80E-05	0.000833	-0.001191
-0.000107	0.000200	-2.58E-06	
17	1.80E-05	0.000829	-0.001561
-0.000107	0.000203	-2.49E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB12 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.97E-05	0.006589	-0.001962
-0.000877	-0.000226	-2.28E-05	
2	5.97E-05	0.006548	-0.001551
-0.000877	-0.000224	-2.27E-05	
3	5.97E-05	0.006545	-0.001522
-0.000877	-0.000224	-2.27E-05	
4	5.97E-05	0.006541	-0.001482
-0.000877	-0.000223	-2.27E-05	
5	5.97E-05	0.006519	-0.001190
-0.000872	-0.000187	-2.13E-05	
6	6.24E-05	0.006500	-0.001037
-0.000871	-0.000143	-1.86E-05	
7	6.61E-05	0.006479	-0.000903
-0.000870	-8.29E-05	-1.51E-05	
8	6.77E-05	0.006472	-0.000870
-0.000869	-5.49E-05	-1.35E-05	
9	6.83E-05	0.006469	-0.000860
-0.000869	-4.38E-05	-1.29E-05	
10	6.91E-05	0.006466	-0.000854
-0.000869	-2.23E-05	-1.21E-05	
11	7.11E-05	0.006461	-0.000856
-0.000868	3.13E-05	-1.01E-05	
12	7.56E-05	0.006451	-0.000961
-0.000867	0.000137	-5.41E-06	
13	7.89E-05	0.006447	-0.001123
-0.000866	0.000208	-1.76E-06	
14	7.89E-05	0.006452	-0.001466
-0.000874	0.000270	-2.15E-07	
15	7.89E-05	0.006452	-0.001515
-0.000874	0.000271	-2.00E-07	
16	7.89E-05	0.006452	-0.001549
-0.000874	0.000271	-1.91E-07	
17	7.89E-05	0.006452	-0.002045
-0.000874	0.000274	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB12 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.97E-05	0.006589	-0.001962
-0.000877	-0.000226	-2.28E-05	
2	5.97E-05	0.006548	-0.001551
-0.000877	-0.000224	-2.27E-05	
3	5.97E-05	0.006545	-0.001522
-0.000877	-0.000224	-2.27E-05	
4	5.97E-05	0.006541	-0.001482
-0.000877	-0.000223	-2.27E-05	
5	5.97E-05	0.006519	-0.001190
-0.000872	-0.000187	-2.13E-05	
6	6.24E-05	0.006500	-0.001037
-0.000871	-0.000143	-1.86E-05	
7	6.61E-05	0.006479	-0.000903
-0.000870	-8.29E-05	-1.51E-05	
8	6.77E-05	0.006472	-0.000870
-0.000869	-5.49E-05	-1.35E-05	
9	6.83E-05	0.006469	-0.000860
-0.000869	-4.38E-05	-1.29E-05	
10	6.91E-05	0.006466	-0.000854
-0.000869	-2.23E-05	-1.21E-05	
11	7.11E-05	0.006461	-0.000856
-0.000868	3.13E-05	-1.01E-05	
12	7.56E-05	0.006451	-0.000961
-0.000867	0.000137	-5.41E-06	
13	7.89E-05	0.006447	-0.001123
-0.000866	0.000208	-1.76E-06	
14	7.89E-05	0.006452	-0.001466
-0.000874	0.000270	-2.15E-07	
15	7.89E-05	0.006452	-0.001515
-0.000874	0.000271	-2.00E-07	
16	7.89E-05	0.006452	-0.001549
-0.000874	0.000271	-1.91E-07	
17	7.89E-05	0.006452	-0.002045
-0.000874	0.000274	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULB13 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.97E-05	0.000433	-0.001962
-5.40E-05	-0.000226	-1.92E-06	
2	5.97E-05	0.000430	-0.001551
-5.40E-05	-0.000224	-1.92E-06	
3	5.97E-05	0.000429	-0.001522
-5.40E-05	-0.000224	-1.92E-06	
4	5.97E-05	0.000429	-0.001482
-5.40E-05	-0.000223	-1.92E-06	
5	5.97E-05	0.000427	-0.001190
-5.40E-05	-0.000187	-1.74E-06	
6	6.24E-05	0.000426	-0.001037
-5.39E-05	-0.000143	-1.65E-06	
7	6.61E-05	0.000424	-0.000903
-5.38E-05	-8.29E-05	-1.63E-06	
8	6.77E-05	0.000423	-0.000870
-5.37E-05	-5.49E-05	-1.64E-06	
9	6.83E-05	0.000423	-0.000860
-5.37E-05	-4.38E-05	-1.64E-06	
10	6.91E-05	0.000423	-0.000854
-5.37E-05	-2.23E-05	-1.65E-06	
11	7.11E-05	0.000422	-0.000856
-5.36E-05	3.13E-05	-1.65E-06	
12	7.56E-05	0.000420	-0.000961
-5.34E-05	0.000137	-1.58E-06	
13	7.89E-05	0.000418	-0.001123
-5.33E-05	0.000208	-1.42E-06	
14	7.89E-05	0.000417	-0.001466
-5.33E-05	0.000270	-1.31E-06	
15	7.89E-05	0.000417	-0.001515
-5.33E-05	0.000271	-1.30E-06	
16	7.89E-05	0.000417	-0.001549
-5.33E-05	0.000271	-1.29E-06	
17	7.89E-05	0.000414	-0.002045
-5.33E-05	0.000274	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB13 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.97E-05	0.000433	-0.001962
-5.40E-05	-0.000226	-1.92E-06	
2	5.97E-05	0.000430	-0.001551
-5.40E-05	-0.000224	-1.87E-06	
3	5.97E-05	0.000429	-0.001522
-5.40E-05	-0.000224	-1.87E-06	
4	5.97E-05	0.000429	-0.001482
-5.40E-05	-0.000223	-1.85E-06	
5	5.97E-05	0.000427	-0.001190
-5.40E-05	-0.000187	-1.74E-06	
6	6.24E-05	0.000426	-0.001037
-5.39E-05	-0.000143	-1.65E-06	
7	6.61E-05	0.000424	-0.000903
-5.38E-05	-8.29E-05	-1.63E-06	
8	6.77E-05	0.000423	-0.000870
-5.37E-05	-5.49E-05	-1.64E-06	
9	6.83E-05	0.000423	-0.000860
-5.37E-05	-4.38E-05	-1.64E-06	
10	6.91E-05	0.000423	-0.000854
-5.37E-05	-2.23E-05	-1.65E-06	
11	7.11E-05	0.000422	-0.000856
-5.36E-05	3.13E-05	-1.65E-06	
12	7.56E-05	0.000420	-0.000961
-5.34E-05	0.000137	-1.58E-06	
13	7.89E-05	0.000418	-0.001123
-5.33E-05	0.000208	-1.42E-06	
14	7.89E-05	0.000417	-0.001466
-5.33E-05	0.000270	-1.31E-06	
15	7.89E-05	0.000417	-0.001515
-5.33E-05	0.000271	-1.30E-06	
16	7.89E-05	0.000417	-0.001549
-5.33E-05	0.000271	-1.29E-06	
17	7.89E-05	0.000414	-0.002045
-5.33E-05	0.000274	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB14 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.006589	-0.001571
-0.000877	-0.000180	-2.28E-05	
2	3.37E-06	0.006548	-0.001242
-0.000877	-0.000178	-2.27E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	3.37E-06	0.006545	-0.001219
-0.000877	-0.000178	-2.27E-05	
4	3.37E-06	0.006541	-0.001187
-0.000877	-0.000177	-2.27E-05	
5	3.37E-06	0.006519	-0.000957
-0.000872	-0.000148	-2.13E-05	
6	5.45E-06	0.006500	-0.000837
-0.000871	-0.000114	-1.86E-05	
7	8.24E-06	0.006479	-0.000731
-0.000870	-6.78E-05	-1.51E-05	
8	9.44E-06	0.006472	-0.000704
-0.000869	-4.66E-05	-1.35E-05	
9	9.93E-06	0.006469	-0.000696
-0.000869	-3.83E-05	-1.29E-05	
10	1.05E-05	0.006466	-0.000690
-0.000869	-2.22E-05	-1.21E-05	
11	1.20E-05	0.006461	-0.000689
-0.000868	1.79E-05	-1.01E-05	
12	1.55E-05	0.006451	-0.000759
-0.000867	9.73E-05	-5.41E-06	
13	1.80E-05	0.006447	-0.000875
-0.000866	0.000152	-1.76E-06	
14	1.80E-05	0.006452	-0.001130
-0.000874	0.000199	-2.15E-07	
15	1.80E-05	0.006452	-0.001166
-0.000874	0.000200	-2.00E-07	
16	1.80E-05	0.006452	-0.001191
-0.000874	0.000200	-1.91E-07	
17	1.80E-05	0.006452	-0.001561
-0.000874	0.000203	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB14 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.006589	-0.001571
-0.000877	-0.000180	-2.28E-05	
2	3.37E-06	0.006548	-0.001242
-0.000877	-0.000178	-2.27E-05	
3	3.37E-06	0.006545	-0.001219
-0.000877	-0.000178	-2.27E-05	
4	3.37E-06	0.006541	-0.001187
-0.000877	-0.000177	-2.27E-05	
5	3.37E-06	0.006519	-0.000957
-0.000872	-0.000148	-2.13E-05	
6	5.45E-06	0.006500	-0.000837
-0.000871	-0.000114	-1.86E-05	
7	8.24E-06	0.006479	-0.000731
-0.000870	-6.78E-05	-1.51E-05	
8	9.44E-06	0.006472	-0.000704
-0.000869	-4.66E-05	-1.35E-05	
9	9.93E-06	0.006469	-0.000696
-0.000869	-3.83E-05	-1.29E-05	
10	1.05E-05	0.006466	-0.000690
-0.000869	-2.22E-05	-1.21E-05	
11	1.20E-05	0.006461	-0.000689
-0.000868	1.79E-05	-1.01E-05	
12	1.55E-05	0.006451	-0.000759
-0.000867	9.73E-05	-5.41E-06	
13	1.80E-05	0.006447	-0.000875
-0.000866	0.000152	-1.76E-06	
14	1.80E-05	0.006452	-0.001130
-0.000874	0.000199	-2.15E-07	
15	1.80E-05	0.006452	-0.001166
-0.000874	0.000200	-2.00E-07	
16	1.80E-05	0.006452	-0.001191
-0.000874	0.000200	-1.91E-07	
17	1.80E-05	0.006452	-0.001561
-0.000874	0.000203	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB14 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.006589	-0.001571
-0.000877	-0.000180	-2.28E-05	
2	3.37E-06	0.006548	-0.001242
-0.000877	-0.000178	-2.27E-05	
3	3.37E-06	0.006545	-0.001219
-0.000877	-0.000178	-2.27E-05	
4	3.37E-06	0.006541	-0.001187
-0.000877	-0.000177	-2.27E-05	
5	3.37E-06	0.006519	-0.000957
-0.000872	-0.000148	-2.13E-05	
6	5.45E-06	0.006500	-0.000837
-0.000871	-0.000114	-1.86E-05	
7	8.24E-06	0.006479	-0.000731
-0.000870	-6.78E-05	-1.51E-05	

8	9.44E-06	0.006472	-0.000704
-0.000869	-4.66E-05	-1.35E-05	
9	9.93E-06	0.006469	-0.000696
-0.000869	-3.83E-05	-1.29E-05	
10	1.05E-05	0.006466	-0.000690
-0.000869	-2.22E-05	-1.21E-05	
11	1.20E-05	0.006461	-0.000689
-0.000868	1.79E-05	-1.01E-05	
12	1.55E-05	0.006451	-0.000759
-0.000867	9.73E-05	-5.41E-06	
13	1.80E-05	0.006447	-0.000875
-0.000866	0.000152	-1.76E-06	
14	1.80E-05	0.006452	-0.001130
-0.000874	0.000199	-2.15E-07	
15	1.80E-05	0.006452	-0.001166
-0.000874	0.000200	-2.00E-07	
16	1.80E-05	0.006452	-0.001191
-0.000874	0.000200	-1.91E-07	
17	1.80E-05	0.006452	-0.001561
-0.000874	0.000203	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB15 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.000433	-0.001571
-5.40E-05	-0.000180	-1.92E-06	
2	3.37E-06	0.000430	-0.001242
-5.40E-05	-0.000178	-1.87E-06	
3	3.37E-06	0.000429	-0.001219
-5.40E-05	-0.000178	-1.87E-06	
4	3.37E-06	0.000429	-0.001187
-5.40E-05	-0.000177	-1.85E-06	
5	3.37E-06	0.000427	-0.000957
-5.40E-05	-0.000148	-1.74E-06	
6	5.45E-06	0.000426	-0.000837
-5.39E-05	-0.000114	-1.65E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	8.24E-06	0.000424	-0.000731
-5.38E-05	-6.78E-05	-1.63E-06	
8	9.44E-06	0.000423	-0.000704
-5.37E-05	-4.66E-05	-1.64E-06	
9	9.93E-06	0.000423	-0.000696
-5.37E-05	-3.83E-05	-1.64E-06	
10	1.05E-05	0.000423	-0.000690
-5.37E-05	-2.22E-05	-1.65E-06	
11	1.20E-05	0.000422	-0.000689
-5.36E-05	1.79E-05	-1.65E-06	
12	1.55E-05	0.000420	-0.000759
-5.34E-05	9.73E-05	-1.58E-06	
13	1.80E-05	0.000418	-0.000875
-5.33E-05	0.000152	-1.42E-06	
14	1.80E-05	0.000417	-0.001130
-5.33E-05	0.000199	-1.31E-06	
15	1.80E-05	0.000417	-0.001166
-5.33E-05	0.000200	-1.30E-06	
16	1.80E-05	0.000417	-0.001191
-5.33E-05	0.000200	-1.29E-06	
17	1.80E-05	0.000414	-0.001561
-5.33E-05	0.000203	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB15 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.37E-06	0.000433	-0.001571
-5.40E-05	-0.000180	-1.92E-06	
2	3.37E-06	0.000430	-0.001242
-5.40E-05	-0.000178	-1.87E-06	
3	3.37E-06	0.000429	-0.001219
-5.40E-05	-0.000178	-1.87E-06	
4	3.37E-06	0.000429	-0.001187
-5.40E-05	-0.000177	-1.85E-06	
5	3.37E-06	0.000427	-0.000957
-5.40E-05	-0.000148	-1.74E-06	
6	5.45E-06	0.000426	-0.000837
-5.39E-05	-0.000114	-1.65E-06	
7	8.24E-06	0.000424	-0.000731
-5.38E-05	-6.78E-05	-1.63E-06	
8	9.44E-06	0.000423	-0.000704
-5.37E-05	-4.66E-05	-1.64E-06	
9	9.93E-06	0.000423	-0.000696
-5.37E-05	-3.83E-05	-1.64E-06	
10	1.05E-05	0.000423	-0.000690
-5.37E-05	-2.22E-05	-1.65E-06	
11	1.20E-05	0.000422	-0.000689
-5.36E-05	1.79E-05	-1.65E-06	
12	1.55E-05	0.000420	-0.000759
-5.34E-05	9.73E-05	-1.58E-06	
13	1.80E-05	0.000418	-0.000875
-5.33E-05	0.000152	-1.42E-06	
14	1.80E-05	0.000417	-0.001130
-5.33E-05	0.000199	-1.31E-06	
15	1.80E-05	0.000417	-0.001166
-5.33E-05	0.000200	-1.30E-06	
16	1.80E-05	0.000417	-0.001191
-5.33E-05	0.000200	-1.29E-06	
17	1.80E-05	0.000414	-0.001561
-5.33E-05	0.000203	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB16 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB16 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB17 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.21E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	
3	6.21E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.21E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.21E-05	3.88E-21	-0.001237
-2.74E-22	-0.000194	-5.35E-21	
6	6.49E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	6.87E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.04E-05	-1.09E-20	-0.000905
-7.64E-23	-5.71E-05	-4.67E-21	
9	7.10E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.19E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.39E-05	-1.33E-20	-0.000890
3.69E-23	3.25E-05	-5.77E-23	
12	7.86E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.21E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.21E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.60E-21	
15	8.21E-05	4.86E-21	-0.001575
2.74E-22	0.000281	9.64E-21	
16	8.21E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.21E-05	2.36E-20	-0.002127
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	8.21E-05	4.86E-21	-0.001575
2.74E-22	0.000281	9.64E-21	
16	8.21E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.21E-05	2.36E-20	-0.002127
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB17 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.21E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.21E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	
3	6.21E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.21E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.21E-05	3.88E-21	-0.001237
-2.74E-22	-0.000194	-5.35E-21	
6	6.49E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	6.87E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.04E-05	-1.09E-20	-0.000905
-7.64E-23	-5.71E-05	-4.67E-21	
9	7.10E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.19E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.39E-05	-1.33E-20	-0.000890
3.69E-23	3.25E-05	-5.77E-23	
12	7.86E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.21E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.21E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.60E-21	
15	8.21E-05	4.86E-21	-0.001575
2.74E-22	0.000281	9.64E-21	
16	8.21E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.21E-05	2.36E-20	-0.002127
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB18 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.24E-06	0.000832	-0.001508
-0.000104	-0.000173	-3.68E-06	
2	3.24E-06	0.000825	-0.001193
-0.000104	-0.000171	-3.60E-06	
3	3.24E-06	0.000824	-0.001171
-0.000104	-0.000171	-3.58E-06	
4	3.24E-06	0.000824	-0.001140
-0.000104	-0.000170	-3.55E-06	
5	3.24E-06	0.000821	-0.000919
-0.000104	-0.000142	-3.33E-06	
6	5.24E-06	0.000818	-0.000804
-0.000103	-0.000109	-3.16E-06	
7	7.91E-06	0.000814	-0.000702
-0.000103	-6.50E-05	-3.14E-06	
8	9.07E-06	0.000813	-0.000676
-0.000103	-4.47E-05	-3.15E-06	
9	9.53E-06	0.000812	-0.000668
-0.000103	-3.67E-05	-3.16E-06	
10	1.01E-05	0.000811	-0.000662
-0.000103	-2.13E-05	-3.16E-06	
11	1.16E-05	0.000810	-0.000661
-0.000103	1.71E-05	-3.16E-06	
12	1.48E-05	0.000806	-0.000729
-0.000103	9.34E-05	-3.04E-06	
13	1.73E-05	0.000802	-0.000840
-0.000102	0.000146	-2.73E-06	
14	1.73E-05	0.000801	-0.001085
-0.000102	0.000191	-2.52E-06	
15	1.73E-05	0.000800	-0.001119
-0.000102	0.000192	-2.49E-06	
16	1.73E-05	0.000800	-0.001144
-0.000102	0.000192	-2.47E-06	
17	1.73E-05	0.000796	-0.001498
-0.000102	0.000195	-2.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULB18 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	3.24E-06	0.000832	-0.001508
-0.000104	-0.000173	-3.68E-06	
2	3.24E-06	0.000825	-0.001193
-0.000104	-0.000171	-3.60E-06	
3	3.24E-06	0.000824	-0.001171
-0.000104	-0.000171	-3.58E-06	
4	3.24E-06	0.000824	-0.001140
-0.000104	-0.000170	-3.55E-06	
5	3.24E-06	0.000821	-0.000919
-0.000104	-0.000142	-3.33E-06	
6	5.24E-06	0.000818	-0.000804
-0.000103	-0.000109	-3.16E-06	
7	7.91E-06	0.000814	-0.000702
-0.000103	-6.50E-05	-3.14E-06	
8	9.07E-06	0.000813	-0.000676
-0.000103	-4.47E-05	-3.15E-06	
9	9.53E-06	0.000812	-0.000668
-0.000103	-3.67E-05	-3.16E-06	
10	1.01E-05	0.000811	-0.000662
-0.000103	-2.13E-05	-3.16E-06	
11	1.16E-05	0.000810	-0.000661
-0.000103	1.71E-05	-3.16E-06	
12	1.48E-05	0.000806	-0.000729
-0.000103	9.34E-05	-3.04E-06	
13	1.73E-05	0.000802	-0.000840
-0.000102	0.000146	-2.73E-06	
14	1.73E-05	0.000801	-0.001085
-0.000102	0.000191	-2.52E-06	
15	1.73E-05	0.000800	-0.001119
-0.000102	0.000192	-2.49E-06	
16	1.73E-05	0.000800	-0.001144
-0.000102	0.000192	-2.47E-06	
17	1.73E-05	0.000796	-0.001498
-0.000102	0.000195	-2.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB01 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000100	1.88E-20	-0.001929
-2.69E-22	-0.000223	-5.15E-21	
2	0.000100	9.51E-21	-0.001525
-2.69E-22	-0.000221	-5.14E-21	
3	0.000100	8.87E-21	-0.001497
-2.69E-22	-0.000221	-5.14E-21	
4	0.000100	7.97E-21	-0.001457
-2.69E-22	-0.000221	-5.14E-21	
5	0.000100	3.81E-21	-0.001166
-2.69E-22	-0.000185	-5.30E-21	
6	0.000102	-1.50E-21	-0.001014
-2.07E-22	-0.000141	-5.63E-21	
7	0.000106	-8.31E-21	-0.000881
-1.17E-22	-8.03E-05	-5.20E-21	
8	0.000108	-1.08E-20	-0.000849
-7.51E-23	-5.15E-05	-4.62E-21	
9	0.000108	-1.17E-20	-0.000840
-5.84E-23	-4.00E-05	-4.39E-21	
10	0.000109	-1.24E-20	-0.000834
-3.13E-23	-1.79E-05	-3.15E-21	
11	0.000111	-1.32E-20	-0.000839
3.63E-23	3.74E-05	-4.44E-23	
12	0.000116	-9.73E-21	-0.000953
1.75E-22	0.000146	4.88E-21	
13	0.000119	-3.81E-21	-0.001127
2.69E-22	0.000219	7.24E-21	
14	0.000119	3.14E-21	-0.001483
2.69E-22	0.000281	9.45E-21	
15	0.000119	4.80E-21	-0.001533
2.69E-22	0.000282	9.48E-21	
16	0.000119	5.98E-21	-0.001568
2.69E-22	0.000282	9.49E-21	
17	0.000119	2.32E-20	-0.002083
2.69E-22	0.000284	9.60E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB01 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000100	1.88E-20	-0.001929
-2.69E-22	-0.000223	-5.15E-21	
2	0.000100	9.51E-21	-0.001525
-2.69E-22	-0.000221	-5.14E-21	
3	0.000100	8.87E-21	-0.001497
-2.69E-22	-0.000221	-5.14E-21	
4	0.000100	7.97E-21	-0.001457
-2.69E-22	-0.000221	-5.14E-21	
5	0.000100	3.81E-21	-0.001166
-2.69E-22	-0.000185	-5.30E-21	
6	0.000102	-1.50E-21	-0.001014
-2.07E-22	-0.000141	-5.63E-21	
7	0.000106	-8.31E-21	-0.000881
-1.17E-22	-8.03E-05	-5.20E-21	
8	0.000108	-1.08E-20	-0.000849
-7.51E-23	-5.15E-05	-4.62E-21	
9	0.000108	-1.17E-20	-0.000840
-5.84E-23	-4.00E-05	-4.39E-21	
10	0.000109	-1.24E-20	-0.000834
-3.13E-23	-1.79E-05	-3.15E-21	
11	0.000111	-1.32E-20	-0.000839
3.63E-23	3.74E-05	-4.44E-23	
12	0.000116	-9.73E-21	-0.000953
1.75E-22	0.000146	4.88E-21	
13	0.000119	-3.81E-21	-0.001127
2.69E-22	0.000219	7.24E-21	
14	0.000119	3.14E-21	-0.001483
2.69E-22	0.000281	9.45E-21	
15	0.000119	4.80E-21	-0.001533
2.69E-22	0.000282	9.48E-21	
16	0.000119	5.98E-21	-0.001568
2.69E-22	0.000282	9.49E-21	
17	0.000119	2.32E-20	-0.002083
2.69E-22	0.000284	9.60E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB02 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB02 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB03 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000901	-0.001256
-0.000112	-0.000144	-3.99E-06	
2	2.70E-06	0.000894	-0.000994
-0.000112	-0.000143	-3.90E-06	
3	2.70E-06	0.000893	-0.000975
-0.000112	-0.000142	-3.88E-06	
4	2.70E-06	0.000892	-0.000950
-0.000112	-0.000142	-3.85E-06	
5	2.70E-06	0.000889	-0.000765
-0.000112	-0.000119	-3.61E-06	
6	4.36E-06	0.000886	-0.000670
-0.000112	-9.09E-05	-3.43E-06	
7	6.59E-06	0.000882	-0.000585
-0.000112	-5.42E-05	-3.40E-06	
8	7.56E-06	0.000880	-0.000563
-0.000112	-3.73E-05	-3.41E-06	
9	7.94E-06	0.000880	-0.000556
-0.000112	-3.06E-05	-3.42E-06	
10	8.43E-06	0.000879	-0.000552
-0.000112	-1.78E-05	-3.43E-06	
11	9.63E-06	0.000877	-0.000551
-0.000111	1.43E-05	-3.43E-06	
12	1.24E-05	0.000873	-0.000608
-0.000111	7.78E-05	-3.29E-06	
13	1.44E-05	0.000869	-0.000700
-0.000111	0.000121	-2.96E-06	
14	1.44E-05	0.000867	-0.000904
-0.000111	0.000159	-2.73E-06	
15	1.44E-05	0.000867	-0.000933
-0.000111	0.000160	-2.70E-06	
16	1.44E-05	0.000867	-0.000953
-0.000111	0.000160	-2.68E-06	
17	1.44E-05	0.000862	-0.001248
-0.000111	0.000163	-2.59E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB03 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000901	-0.001256
-0.000112	-0.000144	-3.99E-06	
2	2.70E-06	0.000894	-0.000994
-0.000112	-0.000143	-3.90E-06	
3	2.70E-06	0.000893	-0.000975
-0.000112	-0.000142	-3.88E-06	
4	2.70E-06	0.000892	-0.000950
-0.000112	-0.000142	-3.85E-06	
5	2.70E-06	0.000889	-0.000765
-0.000112	-0.000119	-3.61E-06	
6	4.36E-06	0.000886	-0.000670
-0.000112	-9.09E-05	-3.43E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	6.59E-06	0.000882	-0.000585
-0.000112	-5.42E-05	-3.40E-06	
8	7.56E-06	0.000880	-0.000563
-0.000112	-3.73E-05	-3.41E-06	
9	7.94E-06	0.000880	-0.000556
-0.000112	-3.06E-05	-3.42E-06	
10	8.43E-06	0.000879	-0.000552
-0.000112	-1.78E-05	-3.43E-06	
11	9.63E-06	0.000877	-0.000551
-0.000111	1.43E-05	-3.43E-06	
12	1.24E-05	0.000873	-0.000608
-0.000111	7.78E-05	-3.29E-06	
13	1.44E-05	0.000869	-0.000700
-0.000111	0.000121	-2.96E-06	
14	1.44E-05	0.000867	-0.000904
-0.000111	0.000159	-2.73E-06	
15	1.44E-05	0.000867	-0.000933
-0.000111	0.000160	-2.70E-06	
16	1.44E-05	0.000867	-0.000953
-0.000111	0.000160	-2.68E-06	
17	1.44E-05	0.000862	-0.001248
-0.000111	0.000163	-2.59E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB04 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	0.000451	-0.001663
-5.61E-05	-0.000192	-2.00E-06	
2	6.13E-05	0.000447	-0.001315
-5.61E-05	-0.000190	-1.95E-06	
3	6.13E-05	0.000447	-0.001291
-5.61E-05	-0.000190	-1.94E-06	
4	6.13E-05	0.000446	-0.001257
-5.61E-05	-0.000189	-1.92E-06	
5	6.13E-05	0.000445	-0.001008
-5.61E-05	-0.000159	-1.81E-06	
6	6.36E-05	0.000443	-0.000878
-5.60E-05	-0.000121	-1.71E-06	
7	6.68E-05	0.000441	-0.000764
-5.59E-05	-7.00E-05	-1.70E-06	
8	6.81E-05	0.000440	-0.000736
-5.59E-05	-4.59E-05	-1.71E-06	
9	6.87E-05	0.000440	-0.000728
-5.59E-05	-3.63E-05	-1.71E-06	
10	6.93E-05	0.000440	-0.000723
-5.58E-05	-1.79E-05	-1.71E-06	
11	7.10E-05	0.000439	-0.000725
-5.57E-05	2.82E-05	-1.71E-06	
12	7.49E-05	0.000436	-0.000817
-5.56E-05	0.000119	-1.65E-06	
13	7.78E-05	0.000435	-0.000958
-5.54E-05	0.000180	-1.48E-06	
14	7.78E-05	0.000434	-0.001254
-5.54E-05	0.000233	-1.36E-06	
15	7.78E-05	0.000433	-0.001295

-5.54E-05	0.000234	-1.35E-06	
16	7.78E-05	0.000433	-0.001325
-5.54E-05	0.000234	-1.34E-06	
17	7.78E-05	0.000431	-0.001753
-5.54E-05	0.000236	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB04 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	0.000451	-0.001663
-5.61E-05	-0.000192	-2.00E-06	
2	6.13E-05	0.000447	-0.001315
-5.61E-05	-0.000190	-1.95E-06	
3	6.13E-05	0.000447	-0.001291
-5.61E-05	-0.000190	-1.94E-06	
4	6.13E-05	0.000446	-0.001257
-5.61E-05	-0.000189	-1.92E-06	
5	6.13E-05	0.000445	-0.001008
-5.61E-05	-0.000159	-1.81E-06	
6	6.36E-05	0.000443	-0.000878
-5.60E-05	-0.000121	-1.71E-06	
7	6.68E-05	0.000441	-0.000764
-5.59E-05	-7.00E-05	-1.70E-06	
8	6.81E-05	0.000440	-0.000736
-5.59E-05	-4.59E-05	-1.71E-06	
9	6.87E-05	0.000440	-0.000728
-5.59E-05	-3.63E-05	-1.71E-06	
10	6.93E-05	0.000440	-0.000723
-5.58E-05	-1.79E-05	-1.71E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	7.10E-05	0.000439	-0.000725
-5.57E-05	2.82E-05	-1.71E-06	
12	7.49E-05	0.000436	-0.000817
-5.56E-05	0.000119	-1.65E-06	
13	7.78E-05	0.000435	-0.000958
-5.54E-05	0.000180	-1.48E-06	
14	7.78E-05	0.000434	-0.001254
-5.54E-05	0.000233	-1.36E-06	
15	7.78E-05	0.000433	-0.001295
-5.54E-05	0.000234	-1.35E-06	
16	7.78E-05	0.000433	-0.001325
-5.54E-05	0.000234	-1.34E-06	
17	7.78E-05	0.000431	-0.001753
-5.54E-05	0.000236	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB05 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000451	-0.001256
-5.61E-05	-0.000144	-2.00E-06	
2	2.70E-06	0.000447	-0.000994
-5.61E-05	-0.000143	-1.95E-06	
3	2.70E-06	0.000447	-0.000975
-5.61E-05	-0.000142	-1.94E-06	
4	2.70E-06	0.000446	-0.000950
-5.61E-05	-0.000142	-1.92E-06	
5	2.70E-06	0.000445	-0.000765
-5.61E-05	-0.000119	-1.81E-06	
6	4.36E-06	0.000443	-0.000670
-5.60E-05	-9.09E-05	-1.71E-06	
7	6.59E-06	0.000441	-0.000585
-5.59E-05	-5.42E-05	-1.70E-06	
8	7.56E-06	0.000440	-0.000563
-5.59E-05	-3.73E-05	-1.71E-06	
9	7.94E-06	0.000440	-0.000556
-5.59E-05	-3.06E-05	-1.71E-06	
10	8.43E-06	0.000440	-0.000552
-5.58E-05	-1.78E-05	-1.71E-06	
11	9.63E-06	0.000439	-0.000551
-5.57E-05	1.43E-05	-1.71E-06	
12	1.24E-05	0.000436	-0.000608
-5.56E-05	7.78E-05	-1.65E-06	
13	1.44E-05	0.000435	-0.000700
-5.54E-05	0.000121	-1.48E-06	
14	1.44E-05	0.000434	-0.000904
-5.54E-05	0.000159	-1.36E-06	
15	1.44E-05	0.000433	-0.000933
-5.54E-05	0.000160	-1.35E-06	
16	1.44E-05	0.000433	-0.000953
-5.54E-05	0.000160	-1.34E-06	
17	1.44E-05	0.000431	-0.001248
-5.54E-05	0.000163	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB05 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.000451	-0.001256
-5.61E-05	-0.000144	-2.00E-06	
2	2.70E-06	0.000447	-0.000994
-5.61E-05	-0.000143	-1.95E-06	
3	2.70E-06	0.000447	-0.000975
-5.61E-05	-0.000142	-1.94E-06	
4	2.70E-06	0.000446	-0.000950
-5.61E-05	-0.000142	-1.92E-06	
5	2.70E-06	0.000445	-0.000765
-5.61E-05	-0.000119	-1.81E-06	
6	4.36E-06	0.000443	-0.000670
-5.60E-05	-9.09E-05	-1.71E-06	
7	6.59E-06	0.000441	-0.000585
-5.59E-05	-5.42E-05	-1.70E-06	
8	7.56E-06	0.000440	-0.000563
-5.59E-05	-3.73E-05	-1.71E-06	
9	7.94E-06	0.000440	-0.000556
-5.59E-05	-3.06E-05	-1.71E-06	
10	8.43E-06	0.000440	-0.000552
-5.58E-05	-1.78E-05	-1.71E-06	
11	9.63E-06	0.000439	-0.000551
-5.57E-05	1.43E-05	-1.71E-06	
12	1.24E-05	0.000436	-0.000608
-5.56E-05	7.78E-05	-1.65E-06	
13	1.44E-05	0.000435	-0.000700
-5.54E-05	0.000121	-1.48E-06	
14	1.44E-05	0.000434	-0.000904
-5.54E-05	0.000159	-1.36E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	1.44E-05	0.000433	-0.000933
-5.54E-05	0.000160	-1.35E-06	
16	1.44E-05	0.000433	-0.000953
-5.54E-05	0.000160	-1.34E-06	
17	1.44E-05	0.000431	-0.001248
-5.54E-05	0.000163	-1.29E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB06 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	0.006402	-0.001663
-0.000856	-0.000192	-2.17E-05	
2	6.13E-05	0.006363	-0.001315
-0.000856	-0.000190	-2.17E-05	
3	6.13E-05	0.006361	-0.001291
-0.000856	-0.000190	-2.17E-05	
4	6.13E-05	0.006357	-0.001257
-0.000856	-0.000189	-2.17E-05	
5	6.13E-05	0.006335	-0.001008
-0.000850	-0.000159	-2.04E-05	
6	6.36E-05	0.006317	-0.000878
-0.000850	-0.000121	-1.77E-05	
7	6.68E-05	0.006297	-0.000764
-0.000849	-7.00E-05	-1.40E-05	
8	6.81E-05	0.006290	-0.000736
-0.000848	-4.59E-05	-1.23E-05	
9	6.87E-05	0.006288	-0.000728
-0.000848	-3.63E-05	-1.17E-05	
10	6.93E-05	0.006286	-0.000723
-0.000848	-1.79E-05	-1.09E-05	
11	7.10E-05	0.006281	-0.000725
-0.000847	2.82E-05	-8.78E-06	
12	7.49E-05	0.006273	-0.000817
-0.000846	0.000119	-3.98E-06	
13	7.78E-05	0.006271	-0.000958
-0.000845	0.000180	-3.55E-07	
14	7.78E-05	0.006276	-0.001254
-0.000853	0.000233	1.14E-06	
15	7.78E-05	0.006277	-0.001295
-0.000853	0.000234	1.14E-06	
16	7.78E-05	0.006277	-0.001325
-0.000853	0.000234	1.14E-06	
17	7.78E-05	0.006279	-0.001753
-0.000853	0.000236	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB06 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	0.006402	-0.001663
-0.000856	-0.000192	-2.17E-05	
2	6.13E-05	0.006363	-0.001315
-0.000856	-0.000190	-2.17E-05	
3	6.13E-05	0.006361	-0.001291
-0.000856	-0.000190	-2.17E-05	
4	6.13E-05	0.006357	-0.001257
-0.000856	-0.000189	-2.17E-05	
5	6.13E-05	0.006335	-0.001008
-0.000850	-0.000159	-2.04E-05	
6	6.36E-05	0.006317	-0.000878
-0.000850	-0.000121	-1.77E-05	
7	6.68E-05	0.006297	-0.000764
-0.000849	-7.00E-05	-1.40E-05	
8	6.81E-05	0.006290	-0.000736
-0.000848	-4.59E-05	-1.23E-05	
9	6.87E-05	0.006288	-0.000728
-0.000848	-3.63E-05	-1.17E-05	
10	6.93E-05	0.006286	-0.000723
-0.000848	-1.79E-05	-1.09E-05	
11	7.10E-05	0.006281	-0.000725
-0.000847	2.82E-05	-8.78E-06	
12	7.49E-05	0.006273	-0.000817
-0.000846	0.000119	-3.98E-06	
13	7.78E-05	0.006271	-0.000958
-0.000845	0.000180	-3.55E-07	
14	7.78E-05	0.006276	-0.001254
-0.000853	0.000233	1.14E-06	
15	7.78E-05	0.006277	-0.001295
-0.000853	0.000234	1.14E-06	
16	7.78E-05	0.006277	-0.001325
-0.000853	0.000234	1.14E-06	
17	7.78E-05	0.006279	-0.001753
-0.000853	0.000236	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB07 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.13E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.13E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.13E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.13E-05	3.20E-21	-0.001008
-2.26E-22	-0.000159	-4.43E-21	
6	6.36E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	6.68E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	6.81E-05	-8.98E-21	-0.000736
-6.30E-23	-4.59E-05	-3.86E-21	
9	6.87E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	6.93E-05	-1.04E-20	-0.000723
-2.63E-23	-1.79E-05	-2.63E-21	
11	7.10E-05	-1.10E-20	-0.000725
3.05E-23	2.82E-05	-4.44E-23	
12	7.49E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	7.78E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	7.78E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	7.78E-05	4.02E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	7.78E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	7.78E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB07 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.13E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.13E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.13E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.13E-05	3.20E-21	-0.001008
-2.26E-22	-0.000159	-4.43E-21	
6	6.36E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	6.68E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	6.81E-05	-8.98E-21	-0.000736
-6.30E-23	-4.59E-05	-3.86E-21	
9	6.87E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	6.93E-05	-1.04E-20	-0.000723
-2.63E-23	-1.79E-05	-2.63E-21	
11	7.10E-05	-1.10E-20	-0.000725
3.05E-23	2.82E-05	-4.44E-23	
12	7.49E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	7.78E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	7.78E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	7.78E-05	4.02E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	7.78E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	7.78E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB08 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.006402	-0.001256
-0.000856	-0.000144	-2.17E-05	
2	2.70E-06	0.006363	-0.000994
-0.000856	-0.000143	-2.17E-05	
3	2.70E-06	0.006361	-0.000975
-0.000856	-0.000142	-2.17E-05	
4	2.70E-06	0.006357	-0.000950
-0.000856	-0.000142	-2.17E-05	
5	2.70E-06	0.006335	-0.000765
-0.000850	-0.000119	-2.04E-05	
6	4.36E-06	0.006317	-0.000670
-0.000850	-9.09E-05	-1.77E-05	
7	6.59E-06	0.006297	-0.000585
-0.000849	-5.42E-05	-1.40E-05	
8	7.56E-06	0.006290	-0.000563
-0.000848	-3.73E-05	-1.23E-05	
9	7.94E-06	0.006288	-0.000556
-0.000848	-3.06E-05	-1.17E-05	
10	8.43E-06	0.006286	-0.000552
-0.000848	-1.78E-05	-1.09E-05	
11	9.63E-06	0.006281	-0.000551
-0.000847	1.43E-05	-8.78E-06	
12	1.24E-05	0.006273	-0.000608
-0.000846	7.78E-05	-3.98E-06	
13	1.44E-05	0.006271	-0.000700
-0.000845	0.000121	-3.55E-07	
14	1.44E-05	0.006276	-0.000904
-0.000853	0.000159	1.14E-06	
15	1.44E-05	0.006277	-0.000933
-0.000853	0.000160	1.14E-06	
16	1.44E-05	0.006277	-0.000953
-0.000853	0.000160	1.14E-06	
17	1.44E-05	0.006279	-0.001248
-0.000853	0.000163	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB08 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	0.006402	-0.001256
-0.000856	-0.000144	-2.17E-05	
2	2.70E-06	0.006363	-0.000994
-0.000856	-0.000143	-2.17E-05	
3	2.70E-06	0.006361	-0.000975
-0.000856	-0.000142	-2.17E-05	
4	2.70E-06	0.006357	-0.000950
-0.000856	-0.000142	-2.17E-05	
5	2.70E-06	0.006335	-0.000765
-0.000850	-0.000119	-2.04E-05	
6	4.36E-06	0.006317	-0.000670
-0.000850	-9.09E-05	-1.77E-05	
7	6.59E-06	0.006297	-0.000585
-0.000849	-5.42E-05	-1.40E-05	
8	7.56E-06	0.006290	-0.000563
-0.000848	-3.73E-05	-1.23E-05	
9	7.94E-06	0.006288	-0.000556
-0.000848	-3.06E-05	-1.17E-05	
10	8.43E-06	0.006286	-0.000552
-0.000848	-1.78E-05	-1.09E-05	
11	9.63E-06	0.006281	-0.000551
-0.000847	1.43E-05	-8.78E-06	
12	1.24E-05	0.006273	-0.000608
-0.000846	7.78E-05	-3.98E-06	
13	1.44E-05	0.006271	-0.000700
-0.000845	0.000121	-3.55E-07	
14	1.44E-05	0.006276	-0.000904
-0.000853	0.000159	1.14E-06	
15	1.44E-05	0.006277	-0.000933
-0.000853	0.000160	1.14E-06	
16	1.44E-05	0.006277	-0.000953
-0.000853	0.000160	1.14E-06	
17	1.44E-05	0.006279	-0.001248
-0.000853	0.000163	1.14E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB09 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB09 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB10 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.007023	-0.001194
-0.000931	-0.000137	-2.47E-05	
2	2.56E-06	0.006978	-0.000944
-0.000931	-0.000136	-2.46E-05	
3	2.56E-06	0.006975	-0.000927
-0.000931	-0.000135	-2.46E-05	
4	2.56E-06	0.006971	-0.000902
-0.000931	-0.000135	-2.46E-05	
5	2.56E-06	0.006947	-0.000727
-0.000925	-0.000113	-2.31E-05	
6	4.15E-06	0.006926	-0.000636
-0.000925	-8.63E-05	-2.03E-05	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	6.26E-06	0.006903	-0.000556
-0.000924	-5.15E-05	-1.67E-05	
8	7.18E-06	0.006895	-0.000535
-0.000923	-3.54E-05	-1.52E-05	
9	7.55E-06	0.006892	-0.000529
-0.000923	-2.91E-05	-1.45E-05	
10	8.00E-06	0.006889	-0.000524
-0.000923	-1.69E-05	-1.37E-05	
11	9.15E-06	0.006883	-0.000523
-0.000922	1.36E-05	-1.17E-05	
12	1.17E-05	0.006871	-0.000577
-0.000920	7.40E-05	-6.99E-06	
13	1.37E-05	0.006865	-0.000665
-0.000919	0.000115	-3.19E-06	
14	1.37E-05	0.006869	-0.000859
-0.000927	0.000151	-1.53E-06	
15	1.37E-05	0.006869	-0.000886
-0.000927	0.000152	-1.50E-06	
16	1.37E-05	0.006869	-0.000905
-0.000927	0.000152	-1.48E-06	
17	1.37E-05	0.006866	-0.001186
-0.000927	0.000155	-1.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	

19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB10 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.007023	-0.001194
-0.000931	-0.000137	-2.47E-05	
2	2.56E-06	0.006978	-0.000944
-0.000931	-0.000136	-2.46E-05	
3	2.56E-06	0.006975	-0.000927
-0.000931	-0.000135	-2.46E-05	
4	2.56E-06	0.006971	-0.000902
-0.000931	-0.000135	-2.46E-05	
5	2.56E-06	0.006947	-0.000727
-0.000925	-0.000113	-2.31E-05	
6	4.15E-06	0.006926	-0.000636
-0.000925	-8.63E-05	-2.03E-05	
7	6.26E-06	0.006903	-0.000556
-0.000924	-5.15E-05	-1.67E-05	
8	7.18E-06	0.006895	-0.000535
-0.000923	-3.54E-05	-1.52E-05	
9	7.55E-06	0.006892	-0.000529
-0.000923	-2.91E-05	-1.45E-05	
10	8.00E-06	0.006889	-0.000524
-0.000923	-1.69E-05	-1.37E-05	
11	9.15E-06	0.006883	-0.000523
-0.000922	1.36E-05	-1.17E-05	
12	1.17E-05	0.006871	-0.000577
-0.000920	7.40E-05	-6.99E-06	
13	1.37E-05	0.006865	-0.000665
-0.000919	0.000115	-3.19E-06	
14	1.37E-05	0.006869	-0.000859
-0.000927	0.000151	-1.53E-06	
15	1.37E-05	0.006869	-0.000886
-0.000927	0.000152	-1.50E-06	
16	1.37E-05	0.006869	-0.000905
-0.000927	0.000152	-1.48E-06	
17	1.37E-05	0.006866	-0.001186
-0.000927	0.000155	-1.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB11 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.000866	-0.001194
-0.000108	-0.000137	-3.84E-06	
2	2.56E-06	0.000859	-0.000944
-0.000108	-0.000136	-3.75E-06	
3	2.56E-06	0.000859	-0.000927
-0.000108	-0.000135	-3.73E-06	
4	2.56E-06	0.000858	-0.000902
-0.000108	-0.000135	-3.70E-06	
5	2.56E-06	0.000855	-0.000727
-0.000108	-0.000113	-3.47E-06	
6	4.15E-06	0.000852	-0.000636
-0.000108	-8.63E-05	-3.29E-06	
7	6.26E-06	0.000848	-0.000556
-0.000108	-5.15E-05	-3.27E-06	
8	7.18E-06	0.000847	-0.000535
-0.000107	-3.54E-05	-3.28E-06	
9	7.55E-06	0.000846	-0.000529
-0.000107	-2.91E-05	-3.29E-06	
10	8.00E-06	0.000845	-0.000524
-0.000107	-1.69E-05	-3.29E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	9.15E-06	0.000843	-0.000523
-0.000107	1.36E-05	-3.30E-06	
12	1.17E-05	0.000839	-0.000577
-0.000107	7.40E-05	-3.17E-06	
13	1.37E-05	0.000836	-0.000665
-0.000107	0.000115	-2.84E-06	
14	1.37E-05	0.000834	-0.000859
-0.000107	0.000151	-2.62E-06	
15	1.37E-05	0.000834	-0.000886
-0.000107	0.000152	-2.59E-06	
16	1.37E-05	0.000833	-0.000905
-0.000107	0.000152	-2.58E-06	
17	1.37E-05	0.000829	-0.001186
-0.000107	0.000155	-2.49E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB11 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.000866	-0.001194
-0.000108	-0.000137	-3.84E-06	
2	2.56E-06	0.000859	-0.000944
-0.000108	-0.000136	-3.75E-06	
3	2.56E-06	0.000859	-0.000927
-0.000108	-0.000135	-3.73E-06	
4	2.56E-06	0.000858	-0.000902
-0.000108	-0.000135	-3.70E-06	
5	2.56E-06	0.000855	-0.000727
-0.000108	-0.000113	-3.47E-06	
6	4.15E-06	0.000852	-0.000636
-0.000108	-8.63E-05	-3.29E-06	
7	6.26E-06	0.000848	-0.000556
-0.000108	-5.15E-05	-3.27E-06	
8	7.18E-06	0.000847	-0.000535
-0.000107	-3.54E-05	-3.28E-06	
9	7.55E-06	0.000846	-0.000529
-0.000107	-2.91E-05	-3.29E-06	
10	8.00E-06	0.000845	-0.000524
-0.000107	-1.69E-05	-3.29E-06	
11	9.15E-06	0.000843	-0.000523
-0.000107	1.36E-05	-3.30E-06	
12	1.17E-05	0.000839	-0.000577
-0.000107	7.40E-05	-3.17E-06	
13	1.37E-05	0.000836	-0.000665
-0.000107	0.000115	-2.84E-06	
14	1.37E-05	0.000834	-0.000859
-0.000107	0.000151	-2.62E-06	
15	1.37E-05	0.000834	-0.000886
-0.000107	0.000152	-2.59E-06	
16	1.37E-05	0.000833	-0.000905
-0.000107	0.000152	-2.58E-06	
17	1.37E-05	0.000829	-0.001186
-0.000107	0.000155	-2.49E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB12 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.89E-05	0.006589	-0.001585
-0.000877	-0.000183	-2.28E-05	
2	5.89E-05	0.006548	-0.001253
-0.000877	-0.000181	-2.27E-05	
3	5.89E-05	0.006545	-0.001230
-0.000877	-0.000181	-2.27E-05	
4	5.89E-05	0.006541	-0.001197
-0.000877	-0.000181	-2.27E-05	
5	5.89E-05	0.006519	-0.000960
-0.000872	-0.000151	-2.13E-05	
6	6.11E-05	0.006500	-0.000836
-0.000871	-0.000115	-1.86E-05	
7	6.41E-05	0.006479	-0.000728
-0.000870	-6.67E-05	-1.51E-05	
8	6.54E-05	0.006472	-0.000701
-0.000869	-4.37E-05	-1.35E-05	
9	6.59E-05	0.006469	-0.000693
-0.000869	-3.46E-05	-1.29E-05	
10	6.66E-05	0.006466	-0.000688
-0.000869	-1.70E-05	-1.21E-05	
11	6.82E-05	0.006461	-0.000691
-0.000868	2.70E-05	-1.01E-05	
12	7.19E-05	0.006451	-0.000778
-0.000867	0.000114	-5.41E-06	
13	7.46E-05	0.006447	-0.000913
-0.000866	0.000172	-1.76E-06	
14	7.46E-05	0.006452	-0.001195
-0.000874	0.000222	-2.15E-07	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	7.46E-05	0.006452	-0.001235
-0.000874	0.000223	-2.00E-07	
16	7.46E-05	0.006452	-0.001263
-0.000874	0.000223	-1.91E-07	
17	7.46E-05	0.006452	-0.001671
-0.000874	0.000225	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB12 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.89E-05	0.006589	-0.001585
-0.000877	-0.000183	-2.28E-05	
2	5.89E-05	0.006548	-0.001253
-0.000877	-0.000181	-2.27E-05	
3	5.89E-05	0.006545	-0.001230
-0.000877	-0.000181	-2.27E-05	
4	5.89E-05	0.006541	-0.001197
-0.000877	-0.000181	-2.27E-05	
5	5.89E-05	0.006519	-0.000960
-0.000872	-0.000151	-2.13E-05	
6	6.11E-05	0.006500	-0.000836
-0.000871	-0.000115	-1.86E-05	
7	6.41E-05	0.006479	-0.000728
-0.000870	-6.67E-05	-1.51E-05	
8	6.54E-05	0.006472	-0.000701
-0.000869	-4.37E-05	-1.35E-05	
9	6.59E-05	0.006469	-0.000693
-0.000869	-3.46E-05	-1.29E-05	
10	6.66E-05	0.006466	-0.000688
-0.000869	-1.70E-05	-1.21E-05	
11	6.82E-05	0.006461	-0.000691
-0.000868	2.70E-05	-1.01E-05	
12	7.19E-05	0.006451	-0.000778
-0.000867	0.000114	-5.41E-06	
13	7.46E-05	0.006447	-0.000913
-0.000866	0.000172	-1.76E-06	
14	7.46E-05	0.006452	-0.001195
-0.000874	0.000222	-2.15E-07	
15	7.46E-05	0.006452	-0.001235
-0.000874	0.000223	-2.00E-07	
16	7.46E-05	0.006452	-0.001263
-0.000874	0.000223	-1.91E-07	
17	7.46E-05	0.006452	-0.001671
-0.000874	0.000225	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB13 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.89E-05	0.000433	-0.001585
-5.40E-05	-0.000183	-1.92E-06	
2	5.89E-05	0.000430	-0.001253
-5.40E-05	-0.000181	-1.87E-06	
3	5.89E-05	0.000429	-0.001230
-5.40E-05	-0.000181	-1.87E-06	
4	5.89E-05	0.000429	-0.001197
-5.40E-05	-0.000181	-1.85E-06	
5	5.89E-05	0.000427	-0.000960
-5.40E-05	-0.000151	-1.74E-06	
6	6.11E-05	0.000426	-0.000836
-5.39E-05	-0.000115	-1.65E-06	
7	6.41E-05	0.000424	-0.000728
-5.38E-05	-6.67E-05	-1.63E-06	
8	6.54E-05	0.000423	-0.000701
-5.37E-05	-4.37E-05	-1.64E-06	
9	6.59E-05	0.000423	-0.000693
-5.37E-05	-3.46E-05	-1.64E-06	
10	6.66E-05	0.000423	-0.000688
-5.37E-05	-1.70E-05	-1.65E-06	
11	6.82E-05	0.000422	-0.000691
-5.36E-05	2.70E-05	-1.65E-06	
12	7.19E-05	0.000420	-0.000778
-5.34E-05	0.000114	-1.58E-06	
13	7.46E-05	0.000418	-0.000913
-5.33E-05	0.000172	-1.42E-06	
14	7.46E-05	0.000417	-0.001195
-5.33E-05	0.000222	-1.31E-06	
15	7.46E-05	0.000417	-0.001235
-5.33E-05	0.000223	-1.30E-06	
16	7.46E-05	0.000417	-0.001263
-5.33E-05	0.000223	-1.29E-06	
17	7.46E-05	0.000414	-0.001671
-5.33E-05	0.000225	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB13 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.89E-05	0.000433	-0.001585
-5.40E-05	-0.000183	-1.92E-06	
2	5.89E-05	0.000430	-0.001253
-5.40E-05	-0.000181	-1.87E-06	
3	5.89E-05	0.000429	-0.001230
-5.40E-05	-0.000181	-1.87E-06	
4	5.89E-05	0.000429	-0.001197
-5.40E-05	-0.000181	-1.85E-06	
5	5.89E-05	0.000427	-0.000960
-5.40E-05	-0.000151	-1.74E-06	
6	6.11E-05	0.000426	-0.000836
-5.39E-05	-0.000115	-1.65E-06	
7	6.41E-05	0.000424	-0.000728
-5.38E-05	-6.67E-05	-1.63E-06	
8	6.54E-05	0.000423	-0.000701
-5.37E-05	-4.37E-05	-1.64E-06	
9	6.59E-05	0.000423	-0.000693
-5.37E-05	-3.46E-05	-1.64E-06	
10	6.66E-05	0.000423	-0.000688
-5.37E-05	-1.70E-05	-1.65E-06	
11	6.82E-05	0.000422	-0.000691
-5.36E-05	2.70E-05	-1.65E-06	
12	7.19E-05	0.000420	-0.000778
-5.34E-05	0.000114	-1.58E-06	
13	7.46E-05	0.000418	-0.000913
-5.33E-05	0.000172	-1.42E-06	
14	7.46E-05	0.000417	-0.001195
-5.33E-05	0.000222	-1.31E-06	
15	7.46E-05	0.000417	-0.001235
-5.33E-05	0.000223	-1.30E-06	
16	7.46E-05	0.000417	-0.001263
-5.33E-05	0.000223	-1.29E-06	
17	7.46E-05	0.000414	-0.001671
-5.33E-05	0.000225	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB14 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.006589	-0.001194
-0.000877	-0.000137	-2.28E-05	
2	2.56E-06	0.006548	-0.000944
-0.000877	-0.000136	-2.27E-05	
3	2.56E-06	0.006545	-0.000927
-0.000877	-0.000135	-2.27E-05	
4	2.56E-06	0.006541	-0.000902
-0.000877	-0.000135	-2.27E-05	
5	2.56E-06	0.006519	-0.000727
-0.000872	-0.000113	-2.13E-05	
6	4.15E-06	0.006500	-0.000636
-0.000871	-8.63E-05	-1.86E-05	
7	6.26E-06	0.006479	-0.000556
-0.000870	-5.15E-05	-1.51E-05	
8	7.18E-06	0.006472	-0.000535
-0.000869	-3.54E-05	-1.35E-05	
9	7.55E-06	0.006469	-0.000529
-0.000869	-2.91E-05	-1.29E-05	
10	8.00E-06	0.006466	-0.000524
-0.000869	-1.69E-05	-1.21E-05	
11	9.15E-06	0.006461	-0.000523
-0.000868	1.36E-05	-1.01E-05	
12	1.17E-05	0.006451	-0.000577
-0.000867	7.40E-05	-5.41E-06	
13	1.37E-05	0.006447	-0.000665
-0.000866	0.000115	-1.76E-06	
14	1.37E-05	0.006452	-0.000859
-0.000874	0.000151	-2.15E-07	
15	1.37E-05	0.006452	-0.000886
-0.000874	0.000152	-2.00E-07	
16	1.37E-05	0.006452	-0.000905
-0.000874	0.000152	-1.91E-07	
17	1.37E-05	0.006452	-0.001186
-0.000874	0.000155	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB14 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.006589	-0.001194
-0.000877	-0.000137	-2.28E-05	
2	2.56E-06	0.006548	-0.000944
-0.000877	-0.000136	-2.27E-05	
3	2.56E-06	0.006545	-0.000927
-0.000877	-0.000135	-2.27E-05	
4	2.56E-06	0.006541	-0.000902
-0.000877	-0.000135	-2.27E-05	
5	2.56E-06	0.006519	-0.000727
-0.000872	-0.000113	-2.13E-05	
6	4.15E-06	0.006500	-0.000636
-0.000871	-8.63E-05	-1.86E-05	
7	6.26E-06	0.006479	-0.000556
-0.000870	-5.15E-05	-1.51E-05	
8	7.18E-06	0.006472	-0.000535
-0.000869	-3.54E-05	-1.35E-05	
9	7.55E-06	0.006469	-0.000529
-0.000869	-2.91E-05	-1.29E-05	
10	8.00E-06	0.006466	-0.000524
-0.000869	-1.69E-05	-1.21E-05	
11	9.15E-06	0.006461	-0.000523
-0.000868	1.36E-05	-1.01E-05	
12	1.17E-05	0.006451	-0.000577
-0.000867	7.40E-05	-5.41E-06	
13	1.37E-05	0.006447	-0.000665
-0.000866	0.000115	-1.76E-06	
14	1.37E-05	0.006452	-0.000859
-0.000874	0.000151	-2.15E-07	
15	1.37E-05	0.006452	-0.000886
-0.000874	0.000152	-2.00E-07	
16	1.37E-05	0.006452	-0.000905
-0.000874	0.000152	-1.91E-07	
17	1.37E-05	0.006452	-0.001186
-0.000874	0.000155	-1.48E-07	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB15 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.000433	-0.001194
-5.40E-05	-0.000137	-1.92E-06	
2	2.56E-06	0.000430	-0.000944
-5.40E-05	-0.000136	-1.87E-06	
3	2.56E-06	0.000429	-0.000927
-5.40E-05	-0.000135	-1.87E-06	
4	2.56E-06	0.000429	-0.000902
-5.40E-05	-0.000135	-1.85E-06	
5	2.56E-06	0.000427	-0.000727
-5.40E-05	-0.000113	-1.74E-06	
6	4.15E-06	0.000426	-0.000636
-5.39E-05	-8.63E-05	-1.65E-06	
7	6.26E-06	0.000424	-0.000556
-5.38E-05	-5.15E-05	-1.63E-06	
8	7.18E-06	0.000423	-0.000535
-5.37E-05	-3.54E-05	-1.64E-06	
9	7.55E-06	0.000423	-0.000529
-5.37E-05	-2.91E-05	-1.64E-06	
10	8.00E-06	0.000423	-0.000524
-5.37E-05	-1.69E-05	-1.65E-06	
11	9.15E-06	0.000422	-0.000523
-5.36E-05	1.36E-05	-1.65E-06	
12	1.17E-05	0.000420	-0.000577
-5.34E-05	7.40E-05	-1.58E-06	
13	1.37E-05	0.000418	-0.000665
-5.33E-05	0.000115	-1.42E-06	
14	1.37E-05	0.000417	-0.000859
-5.33E-05	0.000151	-1.31E-06	
15	1.37E-05	0.000417	-0.000886
-5.33E-05	0.000152	-1.30E-06	
16	1.37E-05	0.000417	-0.000905
-5.33E-05	0.000152	-1.29E-06	
17	1.37E-05	0.000414	-0.001186
-5.33E-05	0.000155	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB15 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.56E-06	0.000433	-0.001194
-5.40E-05	-0.000137	-1.92E-06	
2	2.56E-06	0.000430	-0.000944
-5.40E-05	-0.000136	-1.87E-06	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	2.56E-06	0.000429	-0.000927
-5.40E-05	-0.000135	-1.87E-06	
4	2.56E-06	0.000429	-0.000902
-5.40E-05	-0.000135	-1.85E-06	
5	2.56E-06	0.000427	-0.000727
-5.40E-05	-0.000113	-1.74E-06	
6	4.15E-06	0.000426	-0.000636
-5.39E-05	-8.63E-05	-1.65E-06	
7	6.26E-06	0.000424	-0.000556
-5.38E-05	-5.15E-05	-1.63E-06	
8	7.18E-06	0.000423	-0.000535
-5.37E-05	-3.54E-05	-1.64E-06	
9	7.55E-06	0.000423	-0.000529
-5.37E-05	-2.91E-05	-1.64E-06	
10	8.00E-06	0.000423	-0.000524
-5.37E-05	-1.69E-05	-1.65E-06	
11	9.15E-06	0.000422	-0.000523
-5.36E-05	1.36E-05	-1.65E-06	
12	1.17E-05	0.000420	-0.000577
-5.34E-05	7.40E-05	-1.58E-06	
13	1.37E-05	0.000418	-0.000665
-5.33E-05	0.000115	-1.42E-06	
14	1.37E-05	0.000417	-0.000859
-5.33E-05	0.000151	-1.31E-06	
15	1.37E-05	0.000417	-0.000886
-5.33E-05	0.000152	-1.30E-06	
16	1.37E-05	0.000417	-0.000905
-5.33E-05	0.000152	-1.29E-06	
17	1.37E-05	0.000414	-0.001186
-5.33E-05	0.000155	-1.25E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB16 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB16 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.70E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	2.70E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	2.70E-06	5.20E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	2.70E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	2.70E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	4.36E-06	-8.50E-22	-0.000670
-1.22E-22	-9.09E-05	-3.30E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	6.59E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	7.56E-06	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	7.94E-06	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	8.43E-06	-7.22E-21	-0.000552
-1.86E-23	-1.78E-05	-1.84E-21	
11	9.63E-06	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.43E-23	
12	1.24E-05	-5.70E-21	-0.000608
1.04E-22	7.78E-05	2.83E-21	
13	1.44E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.44E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.59E-21	
15	1.44E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.44E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.44E-05	1.38E-20	-0.001248
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB17 ------------------ MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.13E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.13E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.13E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.13E-05	3.20E-21	-0.001008
-2.26E-22	-0.000159	-4.43E-21	
6	6.36E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	6.68E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	6.81E-05	-8.98E-21	-0.000736
-6.30E-23	-4.59E-05	-3.86E-21	
9	6.87E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	6.93E-05	-1.04E-20	-0.000723
-2.63E-23	-1.79E-05	-2.63E-21	
11	7.10E-05	-1.10E-20	-0.000725
3.05E-23	2.82E-05	-4.44E-23	
12	7.49E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	7.78E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	7.78E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	7.78E-05	4.02E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	7.78E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	7.78E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB17 ------------------ MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.13E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.13E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.13E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.13E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.13E-05	3.20E-21	-0.001008
-2.26E-22	-0.000159	-4.43E-21	
6	6.36E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	6.68E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	6.81E-05	-8.98E-21	-0.000736
-6.30E-23	-4.59E-05	-3.86E-21	
9	6.87E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	6.93E-05	-1.04E-20	-0.000723
-2.63E-23	-1.79E-05	-2.63E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	7.10E-05	-1.10E-20	-0.000725
3.05E-23	2.82E-05	-4.44E-23	
12	7.49E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	7.78E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	7.78E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	7.78E-05	4.02E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	7.78E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	7.78E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB18 ------------------ MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.43E-06	0.000832	-0.001131
-0.000104	-0.000130	-3.68E-06	
2	2.43E-06	0.000825	-0.000894
-0.000104	-0.000128	-3.60E-06	
3	2.43E-06	0.000824	-0.000878
-0.000104	-0.000128	-3.58E-06	
4	2.43E-06	0.000824	-0.000855
-0.000104	-0.000128	-3.55E-06	
5	2.43E-06	0.000821	-0.000689
-0.000104	-0.000107	-3.33E-06	
6	3.93E-06	0.000818	-0.000603
-0.000103	-8.18E-05	-3.16E-06	
7	5.93E-06	0.000814	-0.000526
-0.000103	-4.88E-05	-3.14E-06	
8	6.80E-06	0.000813	-0.000507
-0.000103	-3.36E-05	-3.15E-06	
9	7.15E-06	0.000812	-0.000501
-0.000103	-2.76E-05	-3.16E-06	
10	7.58E-06	0.000811	-0.000497
-0.000103	-1.60E-05	-3.16E-06	
11	8.67E-06	0.000810	-0.000496
-0.000103	1.29E-05	-3.16E-06	
12	1.11E-05	0.000806	-0.000547
-0.000103	7.01E-05	-3.04E-06	
13	1.29E-05	0.000802	-0.000630
-0.000102	0.000109	-2.73E-06	
14	1.29E-05	0.000801	-0.000813
-0.000102	0.000143	-2.52E-06	
15	1.29E-05	0.000800	-0.000839
-0.000102	0.000144	-2.49E-06	
16	1.29E-05	0.000800	-0.000858
-0.000102	0.000144	-2.47E-06	
17	1.29E-05	0.000796	-0.001124
-0.000102	0.000146	-2.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEB18 ------------------ MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	2.43E-06	0.000832	-0.001131
-0.000104	-0.000130	-3.68E-06	
2	2.43E-06	0.000825	-0.000894
-0.000104	-0.000128	-3.60E-06	
3	2.43E-06	0.000824	-0.000878
-0.000104	-0.000128	-3.58E-06	
4	2.43E-06	0.000824	-0.000855
-0.000104	-0.000128	-3.55E-06	
5	2.43E-06	0.000821	-0.000689
-0.000104	-0.000107	-3.33E-06	
6	3.93E-06	0.000818	-0.000603
-0.000103	-8.18E-05	-3.16E-06	
7	5.93E-06	0.000814	-0.000526
-0.000103	-4.88E-05	-3.14E-06	
8	6.80E-06	0.000813	-0.000507
-0.000103	-3.36E-05	-3.15E-06	
9	7.15E-06	0.000812	-0.000501
-0.000103	-2.76E-05	-3.16E-06	
10	7.58E-06	0.000811	-0.000497
-0.000103	-1.60E-05	-3.16E-06	
11	8.67E-06	0.000810	-0.000496
-0.000103	1.29E-05	-3.16E-06	
12	1.11E-05	0.000806	-0.000547
-0.000103	7.01E-05	-3.04E-06	
13	1.29E-05	0.000802	-0.000630
-0.000102	0.000109	-2.73E-06	
14	1.29E-05	0.000801	-0.000813
-0.000102	0.000143	-2.52E-06	
15	1.29E-05	0.000800	-0.000839
-0.000102	0.000144	-2.49E-06	
16	1.29E-05	0.000800	-0.000858
-0.000102	0.000144	-2.47E-06	
17	1.29E-05	0.000796	-0.001124
-0.000102	0.000146	-2.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	1.29E-05	0.000800	-0.000839
-0.000102	0.000144	-2.49E-06	
16	1.29E-05	0.000800	-0.000858
-0.000102	0.000144	-2.47E-06	
17	1.29E-05	0.000796	-0.001124
-0.000102	0.000146	-2.39E-06	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO01 ------------------ MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.05E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	5.05E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	5.05E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	5.05E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	5.05E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	5.27E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.57E-05	-6.45E-21	-0.000722
-9.15E-23	-6.63E-05	-4.05E-21	
8	5.69E-05	-8.35E-21	-0.000696
-5.88E-23	-4.39E-05	-3.59E-21	
9	5.74E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.81E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.97E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.50E-23	
12	6.33E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.59E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.59E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.59E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.59E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.59E-05	1.82E-20	-0.001637
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO01 ------------------ MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.05E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	5.05E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	5.05E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	5.05E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	5.05E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	5.27E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.57E-05	-6.45E-21	-0.000722
-9.15E-23	-6.63E-05	-4.05E-21	
8	5.69E-05	-8.35E-21	-0.000696
-5.88E-23	-4.39E-05	-3.59E-21	
9	5.74E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.81E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.97E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.50E-23	
12	6.33E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.59E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.59E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.59E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.59E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.59E-05	1.82E-20	-0.001637
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO02 ------------------ MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.49E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	5.49E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	9.38E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	1.84E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO02 ------------------ MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.49E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	5.49E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	9.38E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVO03 ------------------ MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001602	1.56E-20	-0.000845
-2.78E-22	-4.06E-05	-4.03E-21	
2	0.001602	8.38E-21	-0.000769
-2.78E-22	-3.90E-05	-4.02E-21	
3	0.001602	7.87E-21	-0.000764
-2.78E-22	-3.87E-05	-4.02E-21	
4	0.001602	7.17E-21	-0.000756
-2.78E-22	-3.82E-05	-4.02E-21	
5	0.001600	3.94E-21	-0.000651
-2.78E-22	-2.49E-05	-4.08E-21	
6	0.001602	-7.10E-23	-0.000615
-2.14E-22	-2.58E-05	-4.19E-21	
7	0.001604	-5.23E-21	-0.000572
-1.21E-22	-1.38E-05	-4.19E-21	
8	0.001605	-7.27E-21	-0.000559
-7.77E-23	-2.10E-06	-3.99E-21	
9	0.001606	-8.06E-21	-0.000556
-6.04E-23	3.62E-06	-3.88E-21	
10	0.001606	-8.76E-21	-0.000553
-3.24E-23	1.59E-05	-3.20E-21	
11	0.001607	-9.87E-21	-0.000558
3.76E-23	5.22E-05	-1.19E-21	
12	0.001610	-8.40E-21	-0.000652
1.81E-22	0.000150	3.16E-21	
13	0.001612	-3.94E-21	-0.000814
2.78E-22	0.000237	6.09E-21	
14	0.001614	1.88E-21	-0.001118
2.78E-22	0.000293	8.07E-21	
15	0.001614	3.30E-21	-0.001170
2.78E-22	0.000293	8.09E-21	
16	0.001614	4.31E-21	-0.001207
2.78E-22	0.000294	8.11E-21	
17	0.001614	1.90E-20	-0.001742
2.78E-22	0.000296	8.22E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO03 ------------------ MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001602	1.56E-20	-0.000845
-2.78E-22	-4.06E-05	-4.03E-21	
2	0.001602	8.38E-21	-0.000769
-2.78E-22	-3.90E-05	-4.02E-21	
3	0.001602	7.87E-21	-0.000764
-2.78E-22	-3.87E-05	-4.02E-21	
4	0.001602	7.17E-21	-0.000756
-2.78E-22	-3.82E-05	-4.02E-21	
5	0.001600	3.94E-21	-0.000651
-2.78E-22	-2.49E-05	-4.08E-21	
6	0.001602	-7.10E-23	-0.000615
-2.14E-22	-2.58E-05	-4.19E-21	
7	0.001604	-5.23E-21	-0.000572
-1.21E-22	-1.38E-05	-4.19E-21	
8	0.001605	-7.27E-21	-0.000559
-7.77E-23	-2.10E-06	-3.99E-21	
9	0.001606	-8.06E-21	-0.000556
-6.04E-23	3.62E-06	-3.88E-21	
10	0.001606	-8.76E-21	-0.000553
-3.24E-23	1.59E-05	-3.20E-21	
11	0.001607	-9.87E-21	-0.000558
3.76E-23	5.22E-05	-1.19E-21	
12	0.001610	-8.40E-21	-0.000652
1.81E-22	0.000150	3.16E-21	
13	0.001612	-3.94E-21	-0.000814
2.78E-22	0.000237	6.09E-21	
14	0.001614	1.88E-21	-0.001118
2.78E-22	0.000293	8.07E-21	
15	0.001614	3.30E-21	-0.001170
2.78E-22	0.000293	8.09E-21	
16	0.001614	4.31E-21	-0.001207
2.78E-22	0.000294	8.11E-21	
17	0.001614	1.90E-20	-0.001742
2.78E-22	0.000296	8.22E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO04 ------------------ MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001036	1.76E-20	-0.001307
-2.86E-22	-0.000115	-4.66E-21	
2	0.001036	9.18E-21	-0.001098
-2.86E-22	-0.000113	-4.64E-21	
3	0.001036	8.60E-21	-0.001083
-2.86E-22	-0.000113	-4.64E-21	
4	0.001036	7.79E-21	-0.001063
-2.86E-22	-0.000112	-4.65E-21	
5	0.001035	4.05E-21	-0.000879
-2.86E-22	-8.98E-05	-4.74E-21	
6	0.001037	-6.58E-22	-0.000795
-2.19E-22	-7.29E-05	-4.94E-21	
7	0.001040	-6.70E-21	-0.000714
-1.24E-22	-4.07E-05	-4.77E-21	
8	0.001041	-8.99E-21	-0.000694
-7.98E-23	-2.16E-05	-4.41E-21	
9	0.001042	-9.85E-21	-0.000688
-6.20E-23	-1.33E-05	-4.25E-21	
10	0.001042	-1.06E-20	-0.000684
-3.33E-23	3.55E-06	-3.31E-21	
11	0.001044	-1.16E-20	-0.000689
3.86E-23	4.91E-05	-7.69E-22	
12	0.001048	-9.29E-21	-0.000797
1.86E-22	0.000155	3.99E-21	
13	0.001050	-4.05E-21	-0.000971
2.86E-22	0.000240	6.81E-21	
14	0.001052	2.49E-21	-0.001309
2.86E-22	0.000301	8.99E-21	
15	0.001052	4.06E-21	-0.001363
2.86E-22	0.000302	9.01E-21	
16	0.001052	5.19E-21	-0.001401
2.86E-22	0.000302	9.03E-21	
17	0.001052	2.16E-20	-0.001952
2.86E-22	0.000305	9.14E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO04 ------------------ MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001036	1.76E-20	-0.001307
-2.86E-22	-0.000115	-4.66E-21	
2	0.001036	9.18E-21	-0.001098
-2.86E-22	-0.000113	-4.64E-21	
3	0.001036	8.60E-21	-0.001083
-2.86E-22	-0.000113	-4.64E-21	
4	0.001036	7.79E-21	-0.001063
-2.86E-22	-0.000112	-4.65E-21	
5	0.001035	4.05E-21	-0.000879
-2.86E-22	-8.98E-05	-4.74E-21	
6	0.001037	-6.58E-22	-0.000795
-2.19E-22	-7.29E-05	-4.94E-21	
7	0.001040	-6.70E-21	-0.000714
-1.24E-22	-4.07E-05	-4.77E-21	
8	0.001041	-8.99E-21	-0.000694
-7.98E-23	-2.16E-05	-4.41E-21	
9	0.001042	-9.85E-21	-0.000688
-6.20E-23	-1.33E-05	-4.25E-21	
10	0.001042	-1.06E-20	-0.000684
-3.33E-23	3.55E-06	-3.31E-21	
11	0.001044	-1.16E-20	-0.000689

3.86E-23	4.91E-05	-7.69E-22	
12	0.001048	-9.29E-21	-0.000797
1.86E-22	0.000155	3.99E-21	
13	0.001050	-4.05E-21	-0.000971
2.86E-22	0.000240	6.81E-21	
14	0.001052	2.49E-21	-0.001309
2.86E-22	0.000301	8.99E-21	
15	0.001052	4.06E-21	-0.001363
2.86E-22	0.000302	9.01E-21	
16	0.001052	5.19E-21	-0.001401
2.86E-22	0.000302	9.03E-21	
17	0.001052	2.16E-20	-0.001952
2.86E-22	0.000305	9.14E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO05 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000991	1.39E-20	-0.000994
-2.35E-22	-7.80E-05	-3.66E-21	
2	0.000991	7.35E-21	-0.000851
-2.35E-22	-7.64E-05	-3.64E-21	
3	0.000991	6.90E-21	-0.000841
-2.35E-22	-7.61E-05	-3.64E-21	
4	0.000991	6.26E-21	-0.000827
-2.35E-22	-7.56E-05	-3.65E-21	
5	0.000990	3.33E-21	-0.000693
-2.35E-22	-5.91E-05	-3.72E-21	
6	0.000991	-3.55E-22	-0.000635
-1.80E-22	-4.96E-05	-3.86E-21	
7	0.000994	-5.09E-21	-0.000577
-1.02E-22	-2.85E-05	-3.77E-21	
8	0.000995	-6.90E-21	-0.000561
-6.55E-23	-1.50E-05	-3.51E-21	
9	0.000995	-7.59E-21	-0.000556
-5.09E-23	-8.89E-06	-3.40E-21	
10	0.000996	-8.20E-21	-0.000553
-2.73E-23	3.61E-06	-2.71E-21	
11	0.000997	-9.07E-21	-0.000555
3.17E-23	3.84E-05	-7.69E-22	
12	0.001000	-7.41E-21	-0.000636
1.53E-22	0.000123	3.04E-21	
13	0.001002	-3.33E-21	-0.000772
2.35E-22	0.000195	5.42E-21	
14	0.001003	1.88E-21	-0.001040
2.35E-22	0.000245	7.20E-21	
15	0.001003	3.14E-21	-0.001084
2.35E-22	0.000245	7.22E-21	
16	0.001003	4.05E-21	-0.001115
2.35E-22	0.000246	7.24E-21	
17	0.001003	1.72E-20	-0.001564
2.35E-22	0.000248	7.35E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO05 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000991	1.39E-20	-0.000994
-2.35E-22	-7.80E-05	-3.66E-21	
2	0.000991	7.35E-21	-0.000851
-2.35E-22	-7.64E-05	-3.64E-21	
3	0.000991	6.90E-21	-0.000841
-2.35E-22	-7.61E-05	-3.64E-21	
4	0.000991	6.26E-21	-0.000827
-2.35E-22	-7.56E-05	-3.65E-21	
5	0.000990	3.33E-21	-0.000693
-2.35E-22	-5.91E-05	-3.72E-21	
6	0.000991	-3.55E-22	-0.000635
-1.80E-22	-4.96E-05	-3.86E-21	
7	0.000994	-5.09E-21	-0.000577
-1.02E-22	-2.85E-05	-3.77E-21	
8	0.000995	-6.90E-21	-0.000561
-6.55E-23	-1.50E-05	-3.51E-21	
9	0.000995	-7.59E-21	-0.000556
-5.09E-23	-8.89E-06	-3.40E-21	
10	0.000996	-8.20E-21	-0.000553
-2.73E-23	3.61E-06	-2.71E-21	
11	0.000997	-9.07E-21	-0.000555
3.17E-23	3.84E-05	-7.69E-22	
12	0.001000	-7.41E-21	-0.000636
1.53E-22	0.000123	3.04E-21	
13	0.001002	-3.33E-21	-0.000772
2.35E-22	0.000195	5.42E-21	
14	0.001003	1.88E-21	-0.001040
2.35E-22	0.000245	7.20E-21	
15	0.001003	3.14E-21	-0.001084
2.35E-22	0.000245	7.22E-21	
16	0.001003	4.05E-21	-0.001115
2.35E-22	0.000246	7.24E-21	
17	0.001003	1.72E-20	-0.001564
2.35E-22	0.000248	7.35E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO06 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000514	1.64E-20	-0.001618
-2.36E-22	-0.000198	-4.51E-21	
2	-0.000334	8.32E-21	-0.001259
-2.36E-22	-0.000196	-4.50E-21	
3	-0.000322	7.76E-21	-0.001234
-2.36E-22	-0.000196	-4.50E-21	
4	-0.000304	6.97E-21	-0.001199
-2.36E-22	-0.000195	-4.50E-21	
5	-0.000224	3.33E-21	-0.000952
-2.36E-22	-0.000166	-4.62E-21	
6	-0.000125	-1.31E-21	-0.000816
-1.81E-22	-0.000127	-4.92E-21	
7	1.96E-07	-7.25E-21	-0.000696
-1.02E-22	-7.35E-05	-4.54E-21	
8	5.13E-05	-9.39E-21	-0.000666
-6.57E-23	-4.83E-05	-4.03E-21	
9	7.17E-05	-1.02E-20	-0.000658
-5.11E-23	-3.83E-05	-3.83E-21	
10	9.22E-05	-1.08E-20	-0.000652
-2.74E-23	-1.90E-05	-2.74E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.000144	-1.15E-20	-0.000655
3.18E-23	2.93E-05	-3.92E-23	
12	0.000269	-8.50E-21	-0.000751
1.53E-22	0.000124	4.26E-21	
13	0.000369	-3.33E-21	-0.000898
2.36E-22	0.000188	6.33E-21	
14	0.000449	2.64E-21	-0.001190
2.36E-22	0.000237	8.08E-21	
15	0.000466	4.06E-21	-0.001232
2.36E-22	0.000238	8.10E-21	
16	0.000479	5.07E-21	-0.001262
2.36E-22	0.000238	8.12E-21	
17	0.000659	1.98E-20	-0.001698
2.36E-22	0.000240	8.23E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO06 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000514	1.64E-20	-0.001618
-2.36E-22	-0.000198	-4.51E-21	
2	-0.000334	8.32E-21	-0.001259
-2.36E-22	-0.000196	-4.50E-21	
3	-0.000322	7.76E-21	-0.001234
-2.36E-22	-0.000196	-4.50E-21	
4	-0.000304	6.97E-21	-0.001199
-2.36E-22	-0.000195	-4.50E-21	
5	-0.000224	3.33E-21	-0.000952
-2.36E-22	-0.000166	-4.62E-21	
6	-0.000125	-1.31E-21	-0.000816
-1.81E-22	-0.000127	-4.92E-21	
7	1.96E-07	-7.25E-21	-0.000696
-1.02E-22	-7.35E-05	-4.54E-21	
8	5.13E-05	-9.39E-21	-0.000666
-6.57E-23	-4.83E-05	-4.03E-21	
9	7.17E-05	-1.02E-20	-0.000658
-5.11E-23	-3.83E-05	-3.83E-21	
10	9.22E-05	-1.08E-20	-0.000652
-2.74E-23	-1.90E-05	-2.74E-21	
11	0.000144	-1.15E-20	-0.000655
3.18E-23	2.93E-05	-3.92E-23	
12	0.000269	-8.50E-21	-0.000751
1.53E-22	0.000124	4.26E-21	
13	0.000369	-3.33E-21	-0.000898
2.36E-22	0.000188	6.33E-21	
14	0.000449	2.64E-21	-0.001190
2.36E-22	0.000237	8.08E-21	
15	0.000466	4.06E-21	-0.001232
2.36E-22	0.000238	8.10E-21	
16	0.000479	5.07E-21	-0.001262
2.36E-22	0.000238	8.12E-21	
17	0.000659	1.98E-20	-0.001698
2.36E-22	0.000240	8.23E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO07 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.05E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	5.05E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	5.05E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	5.05E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	5.05E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	5.27E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.57E-05	-6.45E-21	-0.000722
-9.15E-23	-6.63E-05	-4.05E-21	
8	5.69E-05	-8.35E-21	-0.000696
-5.88E-23	-4.39E-05	-3.59E-21	
9	5.74E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.81E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.97E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.50E-23	
12	6.33E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.59E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.59E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.59E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.59E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.59E-05	1.82E-20	-0.001637
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO07 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.05E-05	1.46E-20	-0.001569
-2.11E-22	-0.000181	-4.01E-21	
2	5.05E-05	7.41E-21	-0.001241
-2.11E-22	-0.000179	-3.99E-21	
3	5.05E-05	6.91E-21	-0.001218
-2.11E-22	-0.000179	-3.99E-21	
4	5.05E-05	6.21E-21	-0.001186
-2.11E-22	-0.000178	-3.99E-21	
5	5.05E-05	2.98E-21	-0.000952
-2.11E-22	-0.000149	-4.12E-21	
6	5.27E-05	-1.15E-21	-0.000830
-1.62E-22	-0.000114	-4.38E-21	
7	5.57E-05	-6.45E-21	-0.000722
-9.15E-23	-6.63E-05	-4.05E-21	
8	5.69E-05	-8.35E-21	-0.000696
-5.88E-23	-4.39E-05	-3.59E-21	
9	5.74E-05	-9.05E-21	-0.000688
-4.57E-23	-3.50E-05	-3.41E-21	
10	5.81E-05	-9.63E-21	-0.000683
-2.45E-23	-1.78E-05	-2.45E-21	
11	5.97E-05	-1.02E-20	-0.000685
2.84E-23	2.50E-05	-4.50E-23	
12	6.33E-05	-7.58E-21	-0.000768
1.37E-22	0.000110	3.78E-21	
13	6.59E-05	-2.98E-21	-0.000898
2.11E-22	0.000167	5.64E-21	
14	6.59E-05	2.45E-21	-0.001173
2.11E-22	0.000216	7.39E-21	
15	6.59E-05	3.74E-21	-0.001212
2.11E-22	0.000217	7.41E-21	
16	6.59E-05	4.67E-21	-0.001239
2.11E-22	0.000217	7.43E-21	
17	6.59E-05	1.82E-20	-0.001637
2.11E-22	0.000219	7.54E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO08 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000559	1.28E-20	-0.001305
-1.84E-22	-0.000161	-3.51E-21	
2	-0.000379	6.49E-21	-0.001012
-1.84E-22	-0.000159	-3.50E-21	
3	-0.000367	6.05E-21	-0.000992
-1.84E-22	-0.000159	-3.50E-21	
4	-0.000349	5.44E-21	-0.000963
-1.84E-22	-0.000159	-3.50E-21	
5	-0.000269	2.61E-21	-0.000766
-1.84E-22	-0.000135	-3.60E-21	
6	-0.000170	-1.00E-21	-0.000656
-1.41E-22	-0.000104	-3.83E-21	
7	-4.61E-05	-5.64E-21	-0.000558
-8.01E-23	-6.14E-05	-3.54E-21	
8	4.67E-06	-7.30E-21	-0.000534
-5.15E-23	-4.17E-05	-3.14E-21	
9	2.50E-05	-7.91E-21	-0.000526
-4.00E-23	-3.39E-05	-2.98E-21	
10	4.53E-05	-8.42E-21	-0.000521
-2.15E-23	-1.89E-05	-2.14E-21	
11	9.63E-05	-8.96E-21	-0.000521
2.49E-23	1.85E-05	-3.92E-23	
12	0.000221	-6.63E-21	-0.000590
1.20E-22	9.25E-05	3.30E-21	
13	0.000320	-2.61E-21	-0.000700
1.84E-22	0.000143	4.93E-21	
14	0.000400	2.04E-21	-0.000921
1.84E-22	0.000180	6.28E-21	
15	0.000417	3.14E-21	-0.000953
1.84E-22	0.000181	6.31E-21	
16	0.000430	3.93E-21	-0.000976
1.84E-22	0.000182	6.32E-21	
17	0.000610	1.54E-20	-0.001310
1.84E-22	0.000184	6.43E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO08 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000559	1.28E-20	-0.001305
-1.84E-22	-0.000161	-3.51E-21	
2	-0.000379	6.49E-21	-0.001012
-1.84E-22	-0.000159	-3.50E-21	
3	-0.000367	6.05E-21	-0.000992
-1.84E-22	-0.000159	-3.50E-21	
4	-0.000349	5.44E-21	-0.000963
-1.84E-22	-0.000159	-3.50E-21	
5	-0.000269	2.61E-21	-0.000766
-1.84E-22	-0.000135	-3.60E-21	
6	-0.000170	-1.00E-21	-0.000656
-1.41E-22	-0.000104	-3.83E-21	
7	-4.61E-05	-5.64E-21	-0.000558
-8.01E-23	-6.14E-05	-3.54E-21	
8	4.67E-06	-7.30E-21	-0.000534
-5.15E-23	-4.17E-05	-3.14E-21	
9	2.50E-05	-7.91E-21	-0.000526
-4.00E-23	-3.39E-05	-2.98E-21	
10	4.53E-05	-8.42E-21	-0.000521
-2.15E-23	-1.89E-05	-2.14E-21	
11	9.63E-05	-8.96E-21	-0.000521
2.49E-23	1.85E-05	-3.92E-23	
12	0.000221	-6.63E-21	-0.000590
1.20E-22	9.25E-05	3.30E-21	
13	0.000320	-2.61E-21	-0.000700
1.84E-22	0.000143	4.93E-21	
14	0.000400	2.04E-21	-0.000921
1.84E-22	0.000180	6.28E-21	
15	0.000417	3.14E-21	-0.000953
1.84E-22	0.000181	6.31E-21	
16	0.000430	3.93E-21	-0.000976
1.84E-22	0.000182	6.32E-21	
17	0.000610	1.54E-20	-0.001310
1.84E-22	0.000184	6.43E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO09 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.49E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	5.49E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	9.38E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO09 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.49E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	5.49E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	9.38E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO10 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001037	1.74E-20	-0.000894
-3.03E-22	-5.73E-05	-4.54E-21	
2	0.001217	9.29E-21	-0.000788
-3.03E-22	-5.57E-05	-4.52E-21	
3	0.001230	8.72E-21	-0.000780
-3.03E-22	-5.54E-05	-4.53E-21	
4	0.001247	7.93E-21	-0.000770
-3.03E-22	-5.49E-05	-4.53E-21	
5	0.001326	4.29E-21	-0.000651
-3.03E-22	-4.16E-05	-4.59E-21	
6	0.001424	-2.26E-22	-0.000601
-2.33E-22	-3.87E-05	-4.72E-21	
7	0.001549	-6.04E-21	-0.000545
-1.32E-22	-2.10E-05	-4.68E-21	
8	0.001600	-8.31E-21	-0.000530
-8.46E-23	-6.51E-06	-4.43E-21	
9	0.001620	-9.18E-21	-0.000525
-6.58E-23	3.24E-07	-4.30E-21	
10	0.001640	-9.96E-21	-0.000522
-3.53E-23	1.48E-05	-3.50E-21	
11	0.001691	-1.11E-20	-0.000528
4.09E-23	5.65E-05	-1.18E-21	
12	0.001816	-9.32E-21	-0.000634
1.98E-22	0.000164	3.64E-21	
13	0.001915	-4.29E-21	-0.000814
3.03E-22	0.000258	6.78E-21	
14	0.001997	2.08E-21	-0.001134
3.03E-22	0.000314	8.75E-21	
15	0.002015	3.62E-21	-0.001190
3.03E-22	0.000314	8.78E-21	
16	0.002027	4.71E-21	-0.001230
3.03E-22	0.000315	8.79E-21	
17	0.002207	2.07E-20	-0.001803
3.03E-22	0.000317	8.91E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO10 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001037	1.74E-20	-0.000894
-3.03E-22	-5.73E-05	-4.54E-21	
2	0.001217	9.29E-21	-0.000788
-3.03E-22	-5.57E-05	-4.52E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	0.001230	8.72E-21	-0.000780
-3.03E-22	-5.54E-05	-4.53E-21	
4	0.001247	7.93E-21	-0.000770
-3.03E-22	-5.49E-05	-4.53E-21	
5	0.001326	4.29E-21	-0.000651
-3.03E-22	-4.16E-05	-4.59E-21	
6	0.001424	-2.26E-22	-0.000601
-2.33E-22	-3.87E-05	-4.72E-21	
7	0.001549	-6.04E-21	-0.000545
-1.32E-22	-2.10E-05	-4.68E-21	
8	0.001600	-8.31E-21	-0.000530
-8.46E-23	-6.51E-06	-4.43E-21	
9	0.001620	-9.18E-21	-0.000525
-6.58E-23	3.24E-07	-4.30E-21	
10	0.001640	-9.96E-21	-0.000522
-3.53E-23	1.48E-05	-3.50E-21	
11	0.001691	-1.11E-20	-0.000528
4.09E-23	5.65E-05	-1.18E-21	
12	0.001816	-9.32E-21	-0.000634
1.98E-22	0.000164	3.64E-21	
13	0.001915	-4.29E-21	-0.000814
3.03E-22	0.000258	6.78E-21	
14	0.001997	2.08E-21	-0.001134
3.03E-22	0.000314	8.75E-21	

15	0.002015	3.62E-21	-0.001190
3.03E-22	0.000314	8.78E-21	
16	0.002027	4.71E-21	-0.001230
3.03E-22	0.000315	8.79E-21	
17	0.002207	2.07E-20	-0.001803
3.03E-22	0.000317	8.91E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO11 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001602	1.56E-20	-0.000845
-2.78E-22	-4.06E-05	-4.03E-21	
2	0.001602	8.38E-21	-0.000769
-2.78E-22	-3.90E-05	-4.02E-21	
3	0.001602	7.87E-21	-0.000764
-2.78E-22	-3.87E-05	-4.02E-21	
4	0.001602	7.17E-21	-0.000756
-2.78E-22	-3.82E-05	-4.02E-21	
5	0.001600	3.94E-21	-0.000651
-2.78E-22	-2.49E-05	-4.08E-21	
6	0.001602	-7.10E-23	-0.000615
-2.14E-22	-2.58E-05	-4.19E-21	
7	0.001604	-5.23E-21	-0.000572
-1.28E-22	-2.66E-05	-4.27E-21	
8	0.001606	-8.76E-21	-0.000553
-1.07E-22	-2.70E-05	-4.31E-21	
9	0.001606	-9.87E-21	-0.000558
-1.07E-22	-2.70E-05	-4.31E-21	
10	0.001606	-8.76E-21	-0.000553
-1.07E-22	-2.70E-05	-4.31E-21	
11	0.001607	-9.87E-21	-0.000558
-1.07E-22	-2.70E-05	-4.31E-21	
12	0.001610	-8.40E-21	-0.000652
-1.07E-22	-2.70E-05	-4.31E-21	
13	0.001612	-3.94E-21	-0.000814
-1.07E-22	-2.70E-05	-4.31E-21	
14	0.001614	1.88E-21	-0.001118
-1.07E-22	-2.70E-05	-4.31E-21	
15	0.001614	3.30E-21	-0.001170
-1.07E-22	-2.70E-05	-4.31E-21	
16	0.001614	4.31E-21	-0.001207
-1.07E-22	-2.70E-05	-4.31E-21	
17	0.001614	1.90E-20	-0.001742
-1.07E-22	-2.70E-05	-4.31E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO11 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001602	1.56E-20	-0.000845
-2.78E-22	-4.06E-05	-4.03E-21	
2	0.001602	8.38E-21	-0.000769
-2.78E-22	-3.90E-05	-4.02E-21	
3	0.001602	7.87E-21	-0.000764
-2.78E-22	-3.87E-05	-4.02E-21	
4	0.001602	7.17E-21	-0.000756
-2.78E-22	-3.82E-05	-4.02E-21	
5	0.001600	3.94E-21	-0.000651
-2.78E-22	-2.49E-05	-4.08E-21	
6	0.001602	-7.10E-23	-0.000615
-2.14E-22	-2.58E-05	-4.19E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	0.001604	-5.23E-21	-0.000572
-1.21E-22	-1.38E-05	-4.19E-21	
8	0.001605	-7.27E-21	-0.000559
-7.77E-23	-2.10E-06	-3.99E-21	
9	0.001606	-8.06E-21	-0.000556
-6.04E-23	3.62E-06	-3.88E-21	
10	0.001606	-8.76E-21	-0.000553
-3.24E-23	1.59E-05	-3.20E-21	
11	0.001607	-9.87E-21	-0.000558
3.76E-23	5.22E-05	-1.19E-21	
12	0.001610	-8.40E-21	-0.000652
1.81E-22	0.000150	3.16E-21	
13	0.001612	-3.94E-21	-0.000814
2.78E-22	0.000237	6.09E-21	
14	0.001614	1.88E-21	-0.001118
2.78E-22	0.000293	8.07E-21	
15	0.001614	3.30E-21	-0.001170
2.78E-22	0.000293	8.09E-21	
16	0.001614	4.31E-21	-0.001207
2.78E-22	0.000294	8.11E-21	
17	0.001614	1.90E-20	-0.001742
2.78E-22	0.000296	8.22E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO12 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000471	1.94E-20	-0.001356
-3.11E-22	-0.000131	-5.17E-21	
2	0.000651	1.01E-20	-0.001117
-3.11E-22	-0.000130	-5.15E-21	
3	0.000664	9.45E-21	-0.001100
-3.11E-22	-0.000129	-5.15E-21	
4	0.000681	8.55E-21	-0.001077
-3.11E-22	-0.000129	-5.15E-21	
5	0.000760	4.40E-21	-0.000879
-3.11E-22	-0.000106	-5.25E-21	
6	0.000859	-8.13E-22	-0.000781
-2.38E-22	-8.58E-05	-5.48E-21	
7	0.000984	-7.51E-21	-0.000688
-1.35E-22	-4.79E-05	-5.27E-21	
8	0.001036	-1.00E-20	-0.000664
-8.67E-23	-2.60E-05	-4.85E-21	
9	0.001056	-1.10E-20	-0.000658
-6.74E-23	-1.66E-05	-4.67E-21	
10	0.001077	-1.18E-20	-0.000653
-3.62E-23	2.41E-06	-3.61E-21	
11	0.001128	-1.29E-20	-0.000659
4.19E-23	5.33E-05	-7.64E-22	
12	0.001253	-1.02E-20	-0.000779
2.03E-22	0.000170	4.47E-21	
13	0.001353	-4.40E-21	-0.000971
3.11E-22	0.000261	7.50E-21	
14	0.001434	2.68E-21	-0.001326
3.11E-22	0.000322	9.68E-21	
15	0.001452	4.38E-21	-0.001383
3.11E-22	0.000323	9.70E-21	
16	0.001464	5.59E-21	-0.001424
3.11E-22	0.000324	9.72E-21	
17	0.001644	2.32E-20	-0.002013
3.11E-22	0.000326	9.83E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO12 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000471	1.94E-20	-0.001356
-3.11E-22	-0.000131	-5.17E-21	
2	0.000651	1.01E-20	-0.001117
-3.11E-22	-0.000130	-5.15E-21	
3	0.000664	9.45E-21	-0.001100
-3.11E-22	-0.000129	-5.15E-21	
4	0.000681	8.55E-21	-0.001077
-3.11E-22	-0.000129	-5.15E-21	
5	0.000760	4.40E-21	-0.000879
-3.11E-22	-0.000106	-5.25E-21	
6	0.000859	-8.13E-22	-0.000781
-2.38E-22	-8.58E-05	-5.48E-21	
7	0.000984	-7.51E-21	-0.000688
-1.35E-22	-4.79E-05	-5.27E-21	
8	0.001036	-1.00E-20	-0.000664
-8.67E-23	-2.60E-05	-4.85E-21	
9	0.001056	-1.10E-20	-0.000658
-6.74E-23	-1.66E-05	-4.67E-21	
10	0.001077	-1.18E-20	-0.000653
-3.62E-23	2.41E-06	-3.61E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.001128	-1.29E-20	-0.000659
4.19E-23	5.33E-05	-7.64E-22	
12	0.001253	-1.02E-20	-0.000779
2.03E-22	0.000170	4.47E-21	
13	0.001353	-4.40E-21	-0.000971
3.11E-22	0.000261	7.50E-21	
14	0.001434	2.68E-21	-0.001326
3.11E-22	0.000322	9.68E-21	
15	0.001452	4.38E-21	-0.001383
3.11E-22	0.000323	9.70E-21	
16	0.001464	5.59E-21	-0.001424
3.11E-22	0.000324	9.72E-21	
17	0.001644	2.32E-20	-0.002013
3.11E-22	0.000326	9.83E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO13 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001036	1.76E-20	-0.001307
-2.86E-22	-0.000115	-4.66E-21	
2	0.001036	9.18E-21	-0.001098
-2.86E-22	-0.000113	-4.64E-21	
3	0.001036	8.60E-21	-0.001083
-2.86E-22	-0.000113	-4.64E-21	
4	0.001036	7.79E-21	-0.001063
-2.86E-22	-0.000112	-4.65E-21	
5	0.001035	4.05E-21	-0.000879
-2.86E-22	-8.98E-05	-4.74E-21	
6	0.001037	-6.58E-22	-0.000795
-2.19E-22	-7.29E-05	-4.94E-21	
7	0.001040	-6.70E-21	-0.000714
-1.24E-22	-4.07E-05	-4.77E-21	
8	0.001041	-8.99E-21	-0.000694
-7.98E-23	-2.16E-05	-4.41E-21	
9	0.001042	-9.85E-21	-0.000688
-6.20E-23	-1.33E-05	-4.25E-21	
10	0.001042	-1.06E-20	-0.000684
-3.33E-23	3.55E-06	-3.31E-21	
11	0.001044	-1.16E-20	-0.000689
3.86E-23	4.91E-05	-7.69E-22	
12	0.001048	-9.29E-21	-0.000797
1.86E-22	0.000155	3.99E-21	
13	0.001050	-4.05E-21	-0.000971
2.86E-22	0.000240	6.81E-21	
14	0.001052	2.49E-21	-0.001309
2.86E-22	0.000301	8.99E-21	
15	0.001052	4.06E-21	-0.001363
2.86E-22	0.000302	9.01E-21	
16	0.001052	5.19E-21	-0.001401
2.86E-22	0.000302	9.03E-21	
17	0.001052	2.16E-20	-0.001952
2.86E-22	0.000305	9.14E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO13 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001036	1.76E-20	-0.001307
-2.86E-22	-0.000115	-4.66E-21	
2	0.001036	9.18E-21	-0.001098
-2.86E-22	-0.000113	-4.64E-21	
3	0.001036	8.60E-21	-0.001083
-2.86E-22	-0.000113	-4.64E-21	
4	0.001036	7.79E-21	-0.001063
-2.86E-22	-0.000112	-4.65E-21	
5	0.001035	4.05E-21	-0.000879
-2.86E-22	-8.98E-05	-4.74E-21	
6	0.001037	-6.58E-22	-0.000795
-2.19E-22	-7.29E-05	-4.94E-21	
7	0.001040	-6.70E-21	-0.000714
-1.24E-22	-4.07E-05	-4.77E-21	
8	0.001041	-8.99E-21	-0.000694
-7.98E-23	-2.16E-05	-4.41E-21	
9	0.001042	-9.85E-21	-0.000688
-6.20E-23	-1.33E-05	-4.25E-21	
10	0.001042	-1.06E-20	-0.000684
-3.33E-23	3.55E-06	-3.31E-21	
11	0.001044	-1.16E-20	-0.000689
3.86E-23	4.91E-05	-7.69E-22	
12	0.001048	-9.29E-21	-0.000797
1.86E-22	0.000155	3.99E-21	
13	0.001050	-4.05E-21	-0.000971
2.86E-22	0.000240	6.81E-21	
14	0.001052	2.49E-21	-0.001309
2.86E-22	0.000301	8.99E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	0.001052	4.06E-21	-0.001363
2.86E-22	0.000302	9.01E-21	
16	0.001052	5.19E-21	-0.001401
2.86E-22	0.000302	9.03E-21	
17	0.001052	2.16E-20	-0.001952
2.86E-22	0.000305	9.14E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO14 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000426	1.57E-20	-0.001043
-2.60E-22	-9.46E-05	-4.17E-21	
2	0.000606	8.26E-21	-0.000870
-2.60E-22	-9.30E-05	-4.15E-21	
3	0.000619	7.74E-21	-0.000857
-2.60E-22	-9.27E-05	-4.15E-21	
4	0.000636	7.02E-21	-0.000840
-2.60E-22	-9.22E-05	-4.15E-21	
5	0.000715	3.68E-21	-0.000693
-2.60E-22	-7.58E-05	-4.22E-21	
6	0.000814	-5.10E-22	-0.000621
-1.99E-22	-6.25E-05	-4.40E-21	
7	0.000938	-5.89E-21	-0.000550
-1.13E-22	-3.57E-05	-4.26E-21	
8	0.000989	-7.94E-21	-0.000531
-7.25E-23	-1.94E-05	-3.95E-21	
9	0.001009	-8.71E-21	-0.000526
-5.63E-23	-1.22E-05	-3.82E-21	
10	0.001030	-9.39E-21	-0.000522
-3.02E-23	2.47E-06	-3.70E-21	
11	0.001081	-1.03E-20	-0.000525
3.50E-23	4.26E-05	-7.64E-22	
12	0.001205	-8.33E-21	-0.000618
1.69E-22	0.000138	3.51E-21	
13	0.001305	-3.68E-21	-0.000772
2.60E-22	0.000216	6.10E-21	
14	0.001386	2.08E-21	-0.001057
2.60E-22	0.000266	7.88E-21	
15	0.001403	3.46E-21	-0.001104
2.60E-22	0.000267	7.91E-21	
16	0.001416	4.45E-21	-0.001138
2.60E-22	0.000267	7.92E-21	
17	0.001596	1.88E-20	-0.001625
2.60E-22	0.000269	8.03E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO14 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000426	1.57E-20	-0.001043
-2.60E-22	-9.46E-05	-4.17E-21	
2	0.000606	8.26E-21	-0.000870
-2.60E-22	-9.30E-05	-4.15E-21	
3	0.000619	7.74E-21	-0.000857
-2.60E-22	-9.27E-05	-4.15E-21	
4	0.000636	7.02E-21	-0.000840
-2.60E-22	-9.22E-05	-4.15E-21	
5	0.000715	3.68E-21	-0.000693
-2.60E-22	-7.58E-05	-4.22E-21	
6	0.000814	-5.10E-22	-0.000621
-1.99E-22	-6.25E-05	-4.40E-21	
7	0.000938	-5.89E-21	-0.000550
-1.13E-22	-3.57E-05	-4.26E-21	
8	0.000989	-7.94E-21	-0.000531
-7.25E-23	-1.94E-05	-3.95E-21	
9	0.001009	-8.71E-21	-0.000526
-5.63E-23	-1.22E-05	-3.82E-21	
10	0.001030	-9.39E-21	-0.000522
-3.02E-23	2.47E-06	-3.70E-21	
11	0.001081	-1.03E-20	-0.000525
3.50E-23	4.26E-05	-7.64E-22	
12	0.001205	-8.33E-21	-0.000618
1.69E-22	0.000138	3.51E-21	
13	0.001305	-3.68E-21	-0.000772
2.60E-22	0.000216	6.10E-21	
14	0.001386	2.08E-21	-0.001057
2.60E-22	0.000266	7.88E-21	
15	0.001403	3.46E-21	-0.001104
2.60E-22	0.000267	7.91E-21	
16	0.001416	4.45E-21	-0.001138
2.60E-22	0.000267	7.92E-21	
17	0.001596	1.88E-20	-0.001625
2.60E-22	0.000269	8.03E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVO15 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000991	1.39E-20	-0.000994
-2.35E-22	-7.80E-05	-3.66E-21	
2	0.000991	7.35E-21	-0.000851
-2.35E-22	-7.64E-05	-3.64E-21	
3	0.000991	6.90E-21	-0.000841
-2.35E-22	-7.61E-05	-3.64E-21	
4	0.000991	6.26E-21	-0.000827
-2.35E-22	-7.56E-05	-3.65E-21	
5	0.000990	3.33E-21	-0.000693
-2.35E-22	-5.91E-05	-3.72E-21	
6	0.000991	-3.55E-22	-0.000635
-1.80E-22	-4.96E-05	-3.86E-21	
7	0.000994	-5.09E-21	-0.000577
-1.02E-22	-2.85E-05	-3.77E-21	
8	0.000995	-6.90E-21	-0.000561
-6.55E-23	-1.50E-05	-3.51E-21	
9	0.000995	-7.59E-21	-0.000556
-5.09E-23	-8.89E-06	-3.40E-21	
10	0.000996	-8.20E-21	-0.000553
-2.73E-23	3.61E-06	-2.71E-21	
11	0.000997	-9.07E-21	-0.000555
3.17E-23	3.84E-05	-7.69E-22	
12	0.001000	-7.41E-21	-0.000636
1.53E-22	0.000123	3.04E-21	
13	0.001002	-3.33E-21	-0.000772
2.35E-22	0.000195	5.42E-21	
14	0.001003	1.88E-21	-0.001040
2.35E-22	0.000245	7.20E-21	
15	0.001003	3.14E-21	-0.001084
2.35E-22	0.000245	7.22E-21	
16	0.001003	4.05E-21	-0.001115
2.35E-22	0.000246	7.24E-21	
17	0.001003	1.72E-20	-0.001564
2.35E-22	0.000248	7.35E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULO01 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000104	2.21E-20	-0.002306
-3.17E-22	-0.000266	-6.06E-21	
2	0.000104	1.12E-20	-0.001823
-3.17E-22	-0.000264	-6.04E-21	
3	0.000104	1.04E-20	-0.001789
-3.17E-22	-0.000264	-6.04E-21	
4	0.000104	9.37E-21	-0.001742
-3.17E-22	-0.000263	-6.04E-21	
5	0.000104	4.49E-21	-0.001396
-3.17E-22	-0.000220	-6.23E-21	
6	0.000107	-1.76E-21	-0.001215
-2.43E-22	-0.000168	-6.62E-21	
7	0.000112	-9.76E-21	-0.001056
-1.38E-22	-9.65E-05	-6.12E-21	
8	0.000114	-1.26E-20	-0.001018
-8.85E-23	-6.26E-05	-5.43E-21	
9	0.000114	-1.37E-20	-0.001007
-6.88E-23	-4.92E-05	-5.16E-21	
10	0.000115	-1.46E-20	-0.001000
-3.69E-23	-2.32E-05	-3.70E-21	
11	0.000118	-1.55E-20	-0.001004
4.28E-23	4.17E-05	-5.85E-23	
12	0.000123	-1.14E-20	-0.001136
2.07E-22	0.000170	5.73E-21	
13	0.000127	-4.49E-21	-0.001337
3.17E-22	0.000255	8.52E-21	
14	0.000127	3.70E-21	-0.001754
3.17E-22	0.000329	1.11E-20	
15	0.000127	5.65E-21	-0.001812
3.17E-22	0.000330	1.12E-20	
16	0.000127	7.04E-21	-0.001854
3.17E-22	0.000330	1.12E-20	
17	0.000127	2.74E-20	-0.002457
3.17E-22	0.000333	1.13E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO01 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000104	2.21E-20	-0.002306
-3.17E-22	-0.000266	-6.06E-21	
2	0.000104	1.12E-20	-0.001823
-3.17E-22	-0.000264	-6.04E-21	
3	0.000104	1.04E-20	-0.001789
-3.17E-22	-0.000264	-6.04E-21	
4	0.000104	9.37E-21	-0.001742
-3.17E-22	-0.000263	-6.04E-21	
5	0.000104	4.49E-21	-0.001396
-3.17E-22	-0.000220	-6.23E-21	
6	0.000107	-1.76E-21	-0.001215
-2.43E-22	-0.000168	-6.62E-21	
7	0.000112	-9.76E-21	-0.001056
-1.38E-22	-9.65E-05	-6.12E-21	
8	0.000114	-1.26E-20	-0.001018
-8.85E-23	-6.26E-05	-5.43E-21	
9	0.000114	-1.37E-20	-0.001007
-6.88E-23	-4.92E-05	-5.16E-21	
10	0.000115	-1.46E-20	-0.001000
-3.69E-23	-2.32E-05	-3.70E-21	
11	0.000118	-1.55E-20	-0.001004
4.28E-23	4.17E-05	-5.85E-23	
12	0.000123	-1.14E-20	-0.001136
2.07E-22	0.000170	5.73E-21	
13	0.000127	-4.49E-21	-0.001337
3.17E-22	0.000255	8.52E-21	
14	0.000127	3.70E-21	-0.001754
3.17E-22	0.000329	1.11E-20	
15	0.000127	5.65E-21	-0.001812
3.17E-22	0.000330	1.12E-20	
16	0.000127	7.04E-21	-0.001854
3.17E-22	0.000330	1.12E-20	
17	0.000127	2.74E-20	-0.002457
3.17E-22	0.000333	1.13E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO02 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	7.14E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	7.14E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	7.14E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	7.14E-06	6.09E-21	-0.001235
-2.07E-22	-0.000184	-3.89E-21	
5	7.14E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	9.30E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	
7	1.22E-05	-6.28E-21	-0.000760
-9.01E-23	-7.04E-05	-3.95E-21	
8	1.35E-05	-8.14E-21	-0.000732
-5.79E-23	-4.85E-05	-3.51E-21	
9	1.40E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.46E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.62E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.84E-23	
12	1.97E-05	-7.42E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	2.23E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	2.23E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	2.23E-05	3.67E-21	-0.001213
2.07E-22	0.000208	7.31E-21	
16	2.23E-05	4.58E-21	-0.001239
2.07E-22	0.000209	7.33E-21	
17	2.23E-05	1.80E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO02 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	7.14E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	7.14E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	
3	7.14E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	7.14E-06	6.09E-21	-0.001235
-2.07E-22	-0.000184	-3.89E-21	
5	7.14E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	9.30E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	
7	1.22E-05	-6.28E-21	-0.000760
-9.01E-23	-7.04E-05	-3.95E-21	
8	1.35E-05	-8.14E-21	-0.000732
-5.79E-23	-4.85E-05	-3.51E-21	
9	1.40E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.46E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.62E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.84E-23	
12	1.97E-05	-7.42E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	2.23E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	2.23E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	2.23E-05	3.67E-21	-0.001213
2.07E-22	0.000208	7.31E-21	
16	2.23E-05	4.58E-21	-0.001239
2.07E-22	0.000209	7.33E-21	
17	2.23E-05	1.80E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO03 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.002083	2.03E-20	-0.001099
-3.62E-22	-5.28E-05	-5.24E-21	
2	0.002082	1.09E-20	-0.001000
-3.62E-22	-5.07E-05	-5.22E-21	
3	0.002082	1.02E-20	-0.000993
-3.62E-22	-5.03E-05	-5.22E-21	
4	0.002082	9.32E-21	-0.000983
-3.62E-22	-4.97E-05	-5.23E-21	
5	0.002080	5.12E-21	-0.000846
-3.62E-22	-3.23E-05	-5.30E-21	
6	0.002082	-9.23E-23	-0.000800
-2.78E-22	-3.36E-05	-5.44E-21	
7	0.002085	-6.80E-21	-0.000743
-1.57E-22	-1.79E-05	-5.44E-21	
8	0.002087	-9.46E-21	-0.000727
-1.01E-22	-2.73E-06	-5.18E-21	
9	0.002087	-1.05E-20	-0.000722
-7.85E-23	4.71E-06	-5.05E-21	
10	0.002088	-1.14E-20	-0.000719
-4.21E-23	2.07E-05	-4.17E-21	
11	0.002090	-1.28E-20	-0.000725
4.88E-23	6.79E-05	-1.54E-21	
12	0.002093	-1.09E-20	-0.000848
2.36E-22	0.000194	4.11E-21	
13	0.002096	-5.12E-21	-0.001059
3.62E-22	0.000308	7.92E-21	
14	0.002099	2.45E-21	-0.001453
3.62E-22	0.000380	1.05E-20	
15	0.002099	4.29E-21	-0.001521
3.62E-22	0.000381	1.05E-20	
16	0.002099	5.60E-21	-0.001569
3.62E-22	0.000382	1.05E-20	
17	0.002099	2.48E-20	-0.002265
3.62E-22	0.000385	1.07E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO04 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001347	2.28E-20	-0.001699
-3.72E-22	-0.000149	-6.06E-21	
2	0.001346	1.19E-20	-0.001427
-3.72E-22	-0.000147	-6.04E-21	
3	0.001346	1.12E-20	-0.001408
-3.72E-22	-0.000146	-6.04E-21	
4	0.001346	1.01E-20	-0.001382
-3.72E-22	-0.000146	-6.04E-21	
5	0.001345	5.26E-21	-0.001143
-3.72E-22	-0.000117	-6.17E-21	
6	0.001348	-8.56E-22	-0.001034
-2.85E-22	-9.48E-05	-6.43E-21	
7	0.001352	-8.71E-21	-0.000929
-1.61E-22	-5.29E-05	-6.20E-21	
8	0.001354	-1.17E-20	-0.000902
-1.04E-22	-2.80E-05	-5.73E-21	
9	0.001354	-1.28E-20	-0.000894
-8.06E-23	-1.73E-05	-5.52E-21	
10	0.001355	-1.38E-20	-0.000889
-4.33E-23	4.61E-06	-4.31E-21	

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TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.001357	-1.51E-20	-0.000896
5.01E-23	6.38E-05	-1.00E-21	
12	0.001362	-1.21E-20	-0.001036
2.42E-22	0.000202	5.19E-21	
13	0.001366	-5.26E-21	-0.001262
3.72E-22	0.000312	8.85E-21	
14	0.001367	3.23E-21	-0.001702
3.72E-22	0.000392	1.17E-20	
15	0.001367	5.28E-21	-0.001771
3.72E-22	0.000393	1.17E-20	
16	0.001367	6.75E-21	-0.001821
3.72E-22	0.000393	1.17E-20	
17	0.001367	2.81E-20	-0.002538
3.72E-22	0.000396	1.19E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO04 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001347	2.28E-20	-0.001699
-3.72E-22	-0.000149	-6.06E-21	
2	0.001346	1.19E-20	-0.001427
-3.72E-22	-0.000147	-6.04E-21	
3	0.001346	1.12E-20	-0.001408
-3.72E-22	-0.000146	-6.04E-21	
4	0.001346	1.01E-20	-0.001382
-3.72E-22	-0.000146	-6.04E-21	
5	0.001345	5.26E-21	-0.001143
-3.72E-22	-0.000117	-6.17E-21	
6	0.001348	-8.56E-22	-0.001034
-2.85E-22	-9.48E-05	-6.43E-21	
7	0.001352	-8.71E-21	-0.000929
-1.61E-22	-5.29E-05	-6.20E-21	
8	0.001354	-1.17E-20	-0.000902
-1.04E-22	-2.80E-05	-5.73E-21	
9	0.001354	-1.28E-20	-0.000894
-8.06E-23	-1.73E-05	-5.52E-21	
10	0.001355	-1.38E-20	-0.000889
-4.33E-23	4.61E-06	-4.31E-21	
11	0.001357	-1.51E-20	-0.000896
5.01E-23	6.38E-05	-1.00E-21	
12	0.001362	-1.21E-20	-0.001036
2.42E-22	0.000202	5.19E-21	
13	0.001366	-5.26E-21	-0.001262
3.72E-22	0.000312	8.85E-21	
14	0.001367	3.23E-21	-0.001702
3.72E-22	0.000392	1.17E-20	
15	0.001367	5.28E-21	-0.001771
3.72E-22	0.000393	1.17E-20	
16	0.001367	6.75E-21	-0.001821
3.72E-22	0.000393	1.17E-20	
17	0.001367	2.81E-20	-0.002538
3.72E-22	0.000396	1.19E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO05 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001288	1.81E-20	-0.001292
-3.05E-22	-0.000101	-4.76E-21	
2	0.001288	9.56E-21	-0.001106
-3.05E-22	-9.93E-05	-4.74E-21	
3	0.001288	8.97E-21	-0.001093
-3.05E-22	-9.89E-05	-4.74E-21	
4	0.001288	8.14E-21	-0.001075
-3.05E-22	-9.82E-05	-4.74E-21	
5	0.001287	4.32E-21	-0.000901
-3.05E-22	-7.69E-05	-4.83E-21	
6	0.001289	-4.62E-22	-0.000826
-2.34E-22	-6.45E-05	-5.02E-21	
7	0.001292	-6.61E-21	-0.000750
-1.33E-22	-3.71E-05	-4.90E-21	
8	0.001293	-8.97E-21	-0.000729
-8.52E-23	-1.94E-05	-4.57E-21	
9	0.001294	-9.87E-21	-0.000723
-6.62E-23	-1.16E-05	-4.42E-21	
10	0.001294	-1.07E-20	-0.000718
-3.55E-23	4.70E-06	-3.52E-21	
11	0.001296	-1.18E-20	-0.000722
4.12E-23	4.99E-05	-1.00E-21	
12	0.001300	-9.64E-21	-0.000827
1.99E-22	0.000160	3.95E-21	
13	0.001302	-4.32E-21	-0.001004
3.05E-22	0.000253	7.04E-21	
14	0.001304	2.45E-21	-0.001352
3.05E-22	0.000318	9.35E-21	
15	0.001304	4.09E-21	-0.001409
3.05E-22	0.000319	9.39E-21	
16	0.001304	5.26E-21	-0.001449
3.05E-22	0.000320	9.41E-21	
17	0.001304	2.24E-20	-0.002033
3.05E-22	0.000323	9.55E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO05 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001288	1.81E-20	-0.001292
-3.05E-22	-0.000101	-4.76E-21	
2	0.001288	9.56E-21	-0.001106
-3.05E-22	-9.93E-05	-4.74E-21	
3	0.001288	8.97E-21	-0.001093
-3.05E-22	-9.89E-05	-4.74E-21	
4	0.001288	8.14E-21	-0.001075
-3.05E-22	-9.82E-05	-4.74E-21	
5	0.001287	4.32E-21	-0.000901
-3.05E-22	-7.69E-05	-4.83E-21	
6	0.001289	-4.62E-22	-0.000826
-2.34E-22	-6.45E-05	-5.02E-21	
7	0.001292	-6.61E-21	-0.000750
-1.33E-22	-3.71E-05	-4.90E-21	
8	0.001293	-8.97E-21	-0.000729
-8.52E-23	-1.94E-05	-4.57E-21	
9	0.001294	-9.87E-21	-0.000723
-6.62E-23	-1.16E-05	-4.42E-21	
10	0.001294	-1.07E-20	-0.000718
-3.55E-23	4.70E-06	-3.52E-21	
11	0.001296	-1.18E-20	-0.000722
4.12E-23	4.99E-05	-1.00E-21	
12	0.001300	-9.64E-21	-0.000827
1.99E-22	0.000160	3.95E-21	
13	0.001302	-4.32E-21	-0.001004
3.05E-22	0.000253	7.04E-21	
14	0.001304	2.45E-21	-0.001352
3.05E-22	0.000318	9.35E-21	

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TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	0.001304	4.09E-21	-0.001409
3.05E-22	0.000319	9.39E-21	
16	0.001304	5.26E-21	-0.001449
3.05E-22	0.000320	9.41E-21	
17	0.001304	2.24E-20	-0.002033
3.05E-22	0.000323	9.55E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO06 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000668	2.14E-20	-0.002103
-3.06E-22	-0.000257	-5.87E-21	
2	-0.000434	1.08E-20	-0.001637
-3.06E-22	-0.000255	-5.84E-21	
3	-0.000418	1.01E-20	-0.001605
-3.06E-22	-0.000254	-5.85E-21	
4	-0.000395	9.06E-21	-0.001559
-3.06E-22	-0.000254	-5.85E-21	
5	-0.000291	4.34E-21	-0.001238
-3.06E-22	-0.000216	-6.01E-21	
6	-0.000162	-1.70E-21	-0.001060
-2.35E-22	-0.000165	-6.39E-21	
7	2.54E-07	-9.43E-21	-0.000905
-1.33E-22	-9.56E-05	-5.91E-21	
8	6.66E-05	-1.22E-20	-0.000866
-8.54E-23	-6.28E-05	-5.24E-21	
9	9.32E-05	-1.32E-20	-0.000855
-6.64E-23	-4.98E-05	-4.98E-21	
10	0.000120	-1.41E-20	-0.000848
-3.56E-23	-2.46E-05	-3.57E-21	
11	0.000187	-1.50E-20	-0.000852
4.13E-23	3.81E-05	-5.10E-23	
12	0.000350	-1.10E-20	-0.000976
2.00E-22	0.000162	5.54E-21	
13	0.000479	-4.34E-21	-0.001168
3.06E-22	0.000244	8.23E-21	
14	0.000583	3.44E-21	-0.001547
3.06E-22	0.000308	1.05E-20	
15	0.000606	5.28E-21	-0.001602
3.06E-22	0.000309	1.05E-20	
16	0.000622	6.59E-21	-0.001641
3.06E-22	0.000310	1.06E-20	
17	0.000856	2.58E-20	-0.002207
3.06E-22	0.000313	1.07E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO07 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.57E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.57E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	
3	6.57E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.57E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.57E-05	3.88E-21	-0.001237
-2.74E-22	-0.000194	-5.35E-21	
6	6.86E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	7.24E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.40E-05	-1.09E-20	-0.000905
-7.64E-23	-5.70E-05	-4.67E-21	
9	7.47E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.55E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.76E-05	-1.33E-20	-0.000890
3.69E-23	3.26E-05	-5.85E-23	
12	8.22E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.57E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.57E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.61E-21	
15	8.57E-05	4.86E-21	-0.001575
2.74E-22	0.000282	9.64E-21	
16	8.57E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.57E-05	2.36E-20	-0.002128
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO06 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000668	2.14E-20	-0.002103
-3.06E-22	-0.000257	-5.87E-21	
2	-0.000434	1.08E-20	-0.001637
-3.06E-22	-0.000255	-5.84E-21	
3	-0.000418	1.01E-20	-0.001605
-3.06E-22	-0.000254	-5.85E-21	
4	-0.000395	9.06E-21	-0.001559
-3.06E-22	-0.000254	-5.85E-21	
5	-0.000291	4.34E-21	-0.001238
-3.06E-22	-0.000216	-6.01E-21	
6	-0.000162	-1.70E-21	-0.001060
-2.35E-22	-0.000165	-6.39E-21	
7	2.54E-07	-9.43E-21	-0.000905
-1.33E-22	-9.56E-05	-5.91E-21	
8	6.66E-05	-1.22E-20	-0.000866
-8.54E-23	-6.28E-05	-5.24E-21	
9	9.32E-05	-1.32E-20	-0.000855
-6.64E-23	-4.98E-05	-4.98E-21	
10	0.000120	-1.41E-20	-0.000848
-3.56E-23	-2.46E-05	-3.57E-21	
11	0.000187	-1.50E-20	-0.000852
4.13E-23	3.81E-05	-5.10E-23	
12	0.000350	-1.10E-20	-0.000976
2.00E-22	0.000162	5.54E-21	
13	0.000479	-4.34E-21	-0.001168
3.06E-22	0.000244	8.23E-21	
14	0.000583	3.44E-21	-0.001547
3.06E-22	0.000308	1.05E-20	
15	0.000606	5.28E-21	-0.001602
3.06E-22	0.000309	1.05E-20	
16	0.000622	6.59E-21	-0.001641
3.06E-22	0.000310	1.06E-20	
17	0.000856	2.58E-20	-0.002207
3.06E-22	0.000313	1.07E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO07 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.57E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.57E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	
3	6.57E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.57E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.57E-05	3.88E-21	-0.001237
-2.74E-22	-0.000194	-5.35E-21	
6	6.86E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	7.24E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.40E-05	-1.09E-20	-0.000905
-7.64E-23	-5.70E-05	-4.67E-21	
9	7.47E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.55E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.76E-05	-1.33E-20	-0.000890
3.69E-23	3.26E-05	-5.85E-23	
12	8.22E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.57E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.57E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.61E-21	
15	8.57E-05	4.86E-21	-0.001575
2.74E-22	0.000282	9.64E-21	
16	8.57E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.57E-05	2.36E-20	-0.002128
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO08 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
-2.40E-22	-0.000727	1.66E-20	-0.001696
-2.40E-22	-0.000209	-4.57E-21	
2	-0.000493	8.44E-21	-0.001316
-2.40E-22	-0.000207	-4.55E-21	
3	-0.000477	7.87E-21	-0.001289
-2.40E-22	-0.000207	-4.55E-21	
4	-0.000454	7.07E-21	-0.001252
-2.40E-22	-0.000206	-4.55E-21	
5	-0.000350	3.40E-21	-0.000995
-2.40E-22	-0.000176	-4.68E-21	
6	-0.000221	-1.31E-21	-0.000852
-1.84E-22	-0.000135	-4.98E-21	
7	-5.99E-05	-7.33E-21	-0.000726

-1.04E-22	-7.98E-05	-4.60E-21	
8	6.07E-06	-9.49E-21	-0.000694
-6.69E-23	-5.42E-05	-4.08E-21	
9	3.25E-05	-1.03E-20	-0.000684
-5.20E-23	-4.41E-05	-3.87E-21	
10	5.89E-05	-1.09E-20	-0.000677
-2.79E-23	-2.46E-05	-2.78E-21	
11	0.000125	-1.16E-20	-0.000677
3.23E-23	2.41E-05	-5.10E-23	
12	0.000287	-8.61E-21	-0.000767
1.56E-22	0.000120	4.29E-21	
13	0.000416	-3.40E-21	-0.000910
2.40E-22	0.000185	6.41E-21	
14	0.000520	2.65E-21	-0.001197
2.40E-22	0.000235	8.17E-21	
15	0.000543	4.08E-21	-0.001239
2.40E-22	0.000235	8.20E-21	
16	0.000559	5.11E-21	-0.001269
2.40E-22	0.000236	8.22E-21	
17	0.000793	2.01E-20	-0.001702
2.40E-22	0.000239	8.36E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO08 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000727	1.66E-20	-0.001696
-2.40E-22	-0.000209	-4.57E-21	
2	-0.000493	8.44E-21	-0.001316
-2.40E-22	-0.000207	-4.55E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	-0.000477	7.87E-21	-0.001289
-2.40E-22	-0.000207	-4.55E-21	
4	-0.000454	7.07E-21	-0.001252
-2.40E-22	-0.000206	-4.55E-21	
5	-0.000350	3.40E-21	-0.000995
-2.40E-22	-0.000176	-4.68E-21	
6	-0.000221	1.31E-21	-0.000852
-1.84E-22	-0.000135	-4.98E-21	
7	-5.99E-05	-7.33E-21	-0.000726
-1.04E-22	-7.98E-05	-4.60E-21	
8	6.07E-06	-9.49E-21	-0.000694
-6.69E-23	-5.42E-05	-4.08E-21	
9	3.25E-05	-1.03E-20	-0.000684
-5.20E-23	-4.41E-05	-3.87E-21	
10	5.89E-05	-1.09E-20	-0.000677
-2.79E-23	-2.46E-05	-2.78E-21	
11	0.000125	-1.16E-20	-0.000677
3.23E-23	2.41E-05	-5.10E-23	
12	0.000287	-8.61E-21	-0.000767
1.56E-22	0.000120	4.29E-21	
13	0.000416	-3.40E-21	-0.000910
2.40E-22	0.000185	6.41E-21	
14	0.000520	2.65E-21	-0.001197
2.40E-22	0.000235	8.17E-21	
15	0.000543	4.08E-21	-0.001239
2.40E-22	0.000235	8.20E-21	
16	0.000559	5.11E-21	-0.001269
2.40E-22	0.000236	8.22E-21	
17	0.000793	2.01E-20	-0.001702
2.40E-22	0.000239	8.36E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO09 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	7.14E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	7.14E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	
3	7.14E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	7.14E-06	6.09E-21	-0.001235
-2.07E-22	-0.000184	-3.89E-21	
5	7.14E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	9.30E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	
7	1.22E-05	-6.28E-21	-0.000760
-9.01E-23	-7.04E-05	-3.95E-21	
8	1.35E-05	-8.14E-21	-0.000732
-5.79E-23	-4.85E-05	-3.51E-21	
9	1.40E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.46E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.62E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.84E-23	
12	1.97E-05	-7.42E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	2.23E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	2.23E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	2.23E-05	3.67E-21	-0.001213
2.07E-22	0.000208	7.31E-21	
16	2.23E-05	4.58E-21	-0.001239
2.07E-22	0.000209	7.33E-21	
17	2.23E-05	1.80E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO09 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	7.14E-06	1.43E-20	-0.001633
-2.07E-22	-0.000188	-3.91E-21	
2	7.14E-06	7.25E-21	-0.001292
-2.07E-22	-0.000186	-3.89E-21	
3	7.14E-06	6.77E-21	-0.001268
-2.07E-22	-0.000185	-3.89E-21	
4	7.14E-06	6.09E-21	-0.001235
-2.07E-22	-0.000184	-3.89E-21	
5	7.14E-06	2.94E-21	-0.000995
-2.07E-22	-0.000154	-4.02E-21	
6	9.30E-06	-1.10E-21	-0.000871
-1.59E-22	-0.000118	-4.29E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	1.22E-05	-6.28E-21	-0.000760
-9.01E-23	-7.04E-05	-3.95E-21	
8	1.35E-05	-8.14E-21	-0.000732
-5.79E-23	-4.85E-05	-3.51E-21	
9	1.40E-05	-8.82E-21	-0.000723
-4.50E-23	-3.98E-05	-3.33E-21	
10	1.46E-05	-9.39E-21	-0.000717
-2.41E-23	-2.31E-05	-2.39E-21	
11	1.62E-05	-1.00E-20	-0.000716
2.80E-23	1.86E-05	-5.84E-23	
12	1.97E-05	-7.42E-21	-0.000790
1.35E-22	0.000101	3.67E-21	
13	2.23E-05	-2.94E-21	-0.000910
2.07E-22	0.000158	5.52E-21	
14	2.23E-05	2.39E-21	-0.001175
2.07E-22	0.000207	7.27E-21	
15	2.23E-05	3.67E-21	-0.001213
2.07E-22	0.000208	7.31E-21	
16	2.23E-05	4.58E-21	-0.001239
2.07E-22	0.000209	7.33E-21	
17	2.23E-05	1.80E-20	-0.001623
2.07E-22	0.000212	7.47E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO10 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001297	2.18E-20	-0.001117
-3.79E-22	-7.16E-05	-5.68E-21	
2	0.001522	1.16E-20	-0.000985
-3.79E-22	-6.96E-05	-5.66E-21	
3	0.001537	1.09E-20	-0.000976
-3.79E-22	-6.92E-05	-5.66E-21	
4	0.001559	9.91E-21	-0.000962
-3.79E-22	-6.86E-05	-5.66E-21	
5	0.001657	5.37E-21	-0.000814
-3.79E-22	-5.19E-05	-5.73E-21	
6	0.001781	-2.82E-22	-0.000752
-2.91E-22	-4.84E-05	-5.90E-21	
7	0.001936	-7.55E-21	-0.000682
-1.65E-22	-2.62E-05	-5.85E-21	
8	0.001999	-1.04E-20	-0.000662
-1.06E-22	-8.14E-06	-5.53E-21	
9	0.002025	-1.15E-20	-0.000657
-8.22E-23	4.06E-07	-5.38E-21	
10	0.002050	-1.24E-20	-0.000653
-4.41E-23	1.85E-05	-4.38E-21	
11	0.002114	-1.39E-20	-0.000660
5.11E-23	7.06E-05	-1.48E-21	
12	0.002270	-1.17E-20	-0.000793
2.47E-22	0.000205	4.55E-21	
13	0.002394	-5.37E-21	-0.001018
3.79E-22	0.000323	8.47E-21	
14	0.002496	2.60E-21	-0.001418
3.79E-22	0.000392	1.09E-20	
15	0.002518	4.52E-21	-0.001488
3.79E-22	0.000393	1.10E-20	
16	0.002534	5.89E-21	-0.001538
3.79E-22	0.000393	1.10E-20	
17	0.002759	2.58E-20	-0.002254
3.79E-22	0.000396	1.11E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO10 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001297	2.18E-20	-0.001117
-3.79E-22	-7.16E-05	-5.68E-21	
2	0.001522	1.16E-20	-0.000985
-3.79E-22	-6.96E-05	-5.66E-21	
3	0.001537	1.09E-20	-0.000976
-3.79E-22	-6.92E-05	-5.66E-21	
4	0.001559	9.91E-21	-0.000962
-3.79E-22	-6.86E-05	-5.66E-21	
5	0.001657	5.37E-21	-0.000814
-3.79E-22	-5.19E-05	-5.73E-21	
6	0.001781	-2.82E-22	-0.000752
-2.91E-22	-4.84E-05	-5.90E-21	
7	0.001936	-7.55E-21	-0.000682
-1.65E-22	-2.62E-05	-5.85E-21	
8	0.001999	-1.04E-20	-0.000662
-1.06E-22	-8.14E-06	-5.53E-21	
9	0.002025	-1.15E-20	-0.000657
-8.22E-23	4.06E-07	-5.38E-21	
10	0.002050	-1.24E-20	-0.000653
-4.41E-23	1.85E-05	-4.38E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.002114	-1.39E-20	-0.000660
5.11E-23	7.06E-05	-1.48E-21	
12	0.002270	-1.17E-20	-0.000793
2.47E-22	0.000205	4.55E-21	
13	0.002394	-5.37E-21	-0.001018
3.79E-22	0.000323	8.47E-21	
14	0.002496	2.60E-21	-0.001418
3.79E-22	0.000392	1.09E-20	
15	0.002518	4.52E-21	-0.001488
3.79E-22	0.000393	1.10E-20	
16	0.002534	5.89E-21	-0.001538
3.79E-22	0.000393	1.10E-20	
17	0.002759	2.58E-20	-0.002254
3.79E-22	0.000396	1.11E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO11 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.002003	1.95E-20	-0.001057
-3.48E-22	-5.08E-05	-5.04E-21	
2	0.002002	1.05E-20	-0.000962
-3.48E-22	-4.88E-05	-5.02E-21	
3	0.002002	9.84E-21	-0.000955
-3.48E-22	-4.84E-05	-5.02E-21	
4	0.002002	8.96E-21	-0.000945
-3.48E-22	-4.78E-05	-5.03E-21	
5	0.002000	4.93E-21	-0.000814
-3.48E-22	-3.11E-05	-5.10E-21	
6	0.002002	-8.88E-23	-0.000769
-2.67E-22	-3.23E-05	-5.23E-21	
7	0.002005	-6.54E-21	-0.000715
-1.51E-22	-1.72E-05	-5.23E-21	
8	0.002007	-9.09E-21	-0.000699
-9.71E-23	-2.63E-06	-4.98E-21	
9	0.002007	-1.01E-20	-0.000695
-7.55E-23	4.52E-06	-4.85E-21	
10	0.002008	-1.10E-20	-0.000691
-4.05E-23	1.99E-05	-4.01E-21	
11	0.002009	-1.23E-20	-0.000697
4.69E-23	6.53E-05	-1.48E-21	
12	0.002013	-1.05E-20	-0.000815
2.27E-22	0.000187	3.95E-21	
13	0.002015	-4.93E-21	-0.001018
3.48E-22	0.000296	7.61E-21	
14	0.002018	2.36E-21	-0.001397
3.48E-22	0.000366	1.01E-20	
15	0.002018	4.12E-21	-0.001462
3.48E-22	0.000367	1.01E-20	
16	0.002018	5.39E-21	-0.001509
3.48E-22	0.000367	1.01E-20	
17	0.002018	2.38E-20	-0.002178
3.48E-22	0.000370	1.03E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO11 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.002003	1.95E-20	-0.001057
-3.48E-22	-5.08E-05	-5.04E-21	
2	0.002002	1.05E-20	-0.000962
-3.48E-22	-4.88E-05	-5.02E-21	
3	0.002002	9.84E-21	-0.000955
-3.48E-22	-4.84E-05	-5.02E-21	
4	0.002002	8.96E-21	-0.000945
-3.48E-22	-4.78E-05	-5.03E-21	
5	0.002000	4.93E-21	-0.000814
-3.48E-22	-3.11E-05	-5.10E-21	
6	0.002002	-8.88E-23	-0.000769
-2.67E-22	-3.23E-05	-5.23E-21	
7	0.002005	-6.54E-21	-0.000715
-1.51E-22	-1.72E-05	-5.23E-21	
8	0.002007	-9.09E-21	-0.000699
-9.71E-23	-2.63E-06	-4.98E-21	
9	0.002007	-1.01E-20	-0.000695
-7.55E-23	4.52E-06	-4.85E-21	
10	0.002008	-1.10E-20	-0.000691
-4.05E-23	1.99E-05	-4.01E-21	
11	0.002009	-1.23E-20	-0.000697
4.69E-23	6.53E-05	-1.48E-21	
12	0.002013	-1.05E-20	-0.000815
2.27E-22	0.000187	3.95E-21	
13	0.002015	-4.93E-21	-0.001018
3.48E-22	0.000296	7.61E-21	
14	0.002018	2.36E-21	-0.001397
3.48E-22	0.000366	1.01E-20	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	0.002018	4.12E-21	-0.001462
3.48E-22	0.000367	1.01E-20	
16	0.002018	5.39E-21	-0.001509
3.48E-22	0.000367	1.01E-20	
17	0.002018	2.38E-20	-0.002178
3.48E-22	0.000370	1.03E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO12 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000589	2.42E-20	-0.001695
-3.89E-22	-0.000164	-6.46E-21	
2	0.000814	1.26E-20	-0.001396
-3.89E-22	-0.000162	-6.44E-21	
3	0.000829	1.18E-20	-0.001375
-3.89E-22	-0.000162	-6.44E-21	
4	0.000851	1.07E-20	-0.001346
-3.89E-22	-0.000161	-6.44E-21	
5	0.000950	5.50E-21	-0.001099
-3.89E-22	-0.000133	-6.56E-21	
6	0.001074	-1.02E-21	-0.000977
-2.98E-22	-0.000107	-6.85E-21	
7	0.001231	-9.38E-21	-0.000860
-1.69E-22	-5.98E-05	-6.59E-21	
8	0.001294	-1.25E-20	-0.000830
-1.08E-22	-3.25E-05	-6.06E-21	
9	0.001320	-1.37E-20	-0.000822
-8.43E-23	-2.07E-05	-5.83E-21	
10	0.001346	-1.47E-20	-0.000817
-4.52E-23	3.01E-06	-4.51E-21	
11	0.001410	-1.61E-20	-0.000824
5.24E-23	6.67E-05	-9.55E-22	
12	0.001567	-1.28E-20	-0.000974
2.53E-22	0.000212	5.59E-21	
13	0.001692	-5.50E-21	-0.001213
3.89E-22	0.000327	9.37E-21	
14	0.001793	3.36E-21	-0.001657
3.89E-22	0.000403	1.21E-20	
15	0.001815	5.47E-21	-0.001729
3.89E-22	0.000404	1.21E-20	
16	0.001831	6.99E-21	-0.001780
3.89E-22	0.000404	1.21E-20	
17	0.002056	2.90E-20	-0.002516
3.89E-22	0.000407	1.23E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO12 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000589	2.42E-20	-0.001695
-3.89E-22	-0.000164	-6.46E-21	
2	0.000814	1.26E-20	-0.001396
-3.89E-22	-0.000162	-6.44E-21	
3	0.000829	1.18E-20	-0.001375
-3.89E-22	-0.000162	-6.44E-21	
4	0.000851	1.07E-20	-0.001346
-3.89E-22	-0.000161	-6.44E-21	
5	0.000950	5.50E-21	-0.001099
-3.89E-22	-0.000133	-6.56E-21	
6	0.001074	-1.02E-21	-0.000977
-2.98E-22	-0.000107	-6.85E-21	
7	0.001231	-9.38E-21	-0.000860
-1.69E-22	-5.98E-05	-6.59E-21	
8	0.001294	-1.25E-20	-0.000830
-1.08E-22	-3.25E-05	-6.06E-21	
9	0.001320	-1.37E-20	-0.000822
-8.43E-23	-2.07E-05	-5.83E-21	
10	0.001346	-1.47E-20	-0.000817
-4.52E-23	3.01E-06	-4.51E-21	
11	0.001410	-1.61E-20	-0.000824
5.24E-23	6.67E-05	-9.55E-22	
12	0.001567	-1.28E-20	-0.000974
2.53E-22	0.000212	5.59E-21	
13	0.001692	-5.50E-21	-0.001213
3.89E-22	0.000327	9.37E-21	
14	0.001793	3.36E-21	-0.001657
3.89E-22	0.000403	1.21E-20	
15	0.001815	5.47E-21	-0.001729
3.89E-22	0.000404	1.21E-20	
16	0.001831	6.99E-21	-0.001780
3.89E-22	0.000404	1.21E-20	
17	0.002056	2.90E-20	-0.002516
3.89E-22	0.000407	1.23E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO13 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001295	2.19E-20	-0.001634
-3.57E-22	-0.000143	-5.82E-21	
2	0.001295	1.15E-20	-0.001373
-3.57E-22	-0.000141	-5.80E-21	
3	0.001295	1.08E-20	-0.001354
-3.57E-22	-0.000141	-5.80E-21	
4	0.001295	9.74E-21	-0.001329
-3.57E-22	-0.000140	-5.81E-21	
5	0.001293	5.06E-21	-0.001099
-3.57E-22	-0.000112	-5.93E-21	
6	0.001296	-8.23E-22	-0.000994
-2.74E-22	-9.11E-05	-6.18E-21	
7	0.001300	-8.38E-21	-0.000893
-1.55E-22	-5.08E-05	-5.97E-21	
8	0.001302	-1.12E-20	-0.000867
-9.97E-23	-2.69E-05	-5.51E-21	
9	0.001302	-1.23E-20	-0.000860
-7.75E-23	-1.66E-05	-5.31E-21	
10	0.001303	-1.33E-20	-0.000855
-4.16E-23	4.43E-06	-4.14E-21	
11	0.001305	-1.45E-20	-0.000862
4.82E-23	6.14E-05	-9.62E-22	
12	0.001310	-1.16E-20	-0.000996
2.33E-22	0.000194	4.99E-21	
13	0.001313	-5.06E-21	-0.001214
3.57E-22	0.000300	8.51E-21	
14	0.001315	3.11E-21	-0.001636
3.57E-22	0.000377	1.12E-20	
15	0.001315	5.08E-21	-0.001703
3.57E-22	0.000378	1.13E-20	
16	0.001315	6.49E-21	-0.001751
3.57E-22	0.000378	1.13E-20	
17	0.001315	2.70E-20	-0.002440
3.57E-22	0.000381	1.14E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO13 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001295	2.19E-20	-0.001634
-3.57E-22	-0.000143	-5.82E-21	
2	0.001295	1.15E-20	-0.001373
-3.57E-22	-0.000141	-5.80E-21	
3	0.001295	1.08E-20	-0.001354
-3.57E-22	-0.000141	-5.80E-21	
4	0.001295	9.74E-21	-0.001329
-3.57E-22	-0.000140	-5.81E-21	
5	0.001293	5.06E-21	-0.001099
-3.57E-22	-0.000112	-5.93E-21	
6	0.001296	-8.23E-22	-0.000994
-2.74E-22	-9.11E-05	-6.18E-21	
7	0.001300	-8.38E-21	-0.000893
-1.55E-22	-5.08E-05	-5.97E-21	
8	0.001302	-1.12E-20	-0.000867
-9.97E-23	-2.69E-05	-5.51E-21	
9	0.001302	-1.23E-20	-0.000860
-7.75E-23	-1.66E-05	-5.31E-21	
10	0.001303	-1.33E-20	-0.000855
-4.16E-23	4.43E-06	-4.14E-21	
11	0.001305	-1.45E-20	-0.000862
4.82E-23	6.14E-05	-9.62E-22	
12	0.001310	-1.16E-20	-0.000996
2.33E-22	0.000194	4.99E-21	
13	0.001313	-5.06E-21	-0.001214
3.57E-22	0.000300	8.51E-21	
14	0.001315	3.11E-21	-0.001636
3.57E-22	0.000377	1.12E-20	
15	0.001315	5.08E-21	-0.001703
3.57E-22	0.000378	1.13E-20	
16	0.001315	6.49E-21	-0.001751
3.57E-22	0.000378	1.13E-20	
17	0.001315	2.70E-20	-0.002440
3.57E-22	0.000381	1.14E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULO14 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000533	1.97E-20	-0.001303
-3.25E-22	-0.000118	-5.21E-21	
2	0.000758	1.03E-20	-0.001087
-3.25E-22	-0.000116	-5.19E-21	
3	0.000773	9.68E-21	-0.001072
-3.25E-22	-0.000116	-5.19E-21	
4	0.000795	8.77E-21	-0.001051
-3.25E-22	-0.000115	-5.19E-21	
5	0.000894	4.60E-21	-0.000866
-3.25E-22	-9.48E-05	-5.28E-21	
6	0.001017	-6.38E-22	-0.000777
-2.49E-22	-7.81E-05	-5.50E-21	
7	0.001173	-7.36E-21	-0.000688
-1.41E-22	-4.47E-05	-5.33E-21	
8	0.001236	-9.92E-21	-0.000664
-9.06E-23	-2.42E-05	-4.94E-21	
9	0.001262	-1.09E-20	-0.000657
-7.04E-23	-1.52E-05	-4.77E-21	
10	0.001287	-1.17E-20	-0.000652
-3.78E-23	3.09E-06	-3.75E-21	

11	0.001351	-1.29E-20	-0.000657
4.38E-23	5.32E-05	-9.55E-22	
12	0.001507	-1.04E-20	-0.000773
2.12E-22	0.000172	4.39E-21	
13	0.001631	-4.60E-21	-0.000965
3.25E-22	0.000270	7.63E-21	
14	0.001732	2.60E-21	-0.001321
3.25E-22	0.000332	9.85E-21	
15	0.001754	4.33E-21	-0.001380
3.25E-22	0.000333	9.88E-21	
16	0.001770	5.56E-21	-0.001422
3.25E-22	0.000334	9.90E-21	
17	0.001995	2.36E-20	-0.002031
3.25E-22	0.000337	1.00E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO14 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000533	1.97E-20	-0.001303
-3.25E-22	-0.000118	-5.21E-21	
2	0.000758	1.03E-20	-0.001087
-3.25E-22	-0.000116	-5.19E-21	
3	0.000773	9.68E-21	-0.001072
-3.25E-22	-0.000116	-5.19E-21	
4	0.000795	8.77E-21	-0.001051
-3.25E-22	-0.000115	-5.19E-21	
5	0.000894	4.60E-21	-0.000866
-3.25E-22	-9.48E-05	-5.28E-21	
6	0.001017	6.38E-22	-0.000777
-2.49E-22	-7.81E-05	-5.50E-21	
7	0.001173	-7.36E-21	-0.000688
-1.41E-22	-4.47E-05	-5.33E-21	
8	0.001236	-9.92E-21	-0.000664
-9.06E-23	-2.42E-05	-4.94E-21	
9	0.001262	-1.09E-20	-0.000657
-7.04E-23	-1.52E-05	-4.77E-21	
10	0.001287	-1.17E-20	-0.000652
-3.78E-23	3.09E-06	-3.75E-21	
11	0.001351	-1.29E-20	-0.000657
4.38E-23	5.32E-05	-9.55E-22	
12	0.001507	-1.04E-20	-0.000773
2.12E-22	0.000172	4.39E-21	
13	0.001631	-4.60E-21	-0.000965
3.25E-22	0.000270	7.63E-21	
14	0.001732	2.60E-21	-0.001321
3.25E-22	0.000332	9.85E-21	
15	0.001754	4.33E-21	-0.001380
3.25E-22	0.000333	9.88E-21	
16	0.001770	5.56E-21	-0.001422
3.25E-22	0.000334	9.90E-21	
17	0.001995	2.36E-20	-0.002031
3.25E-22	0.000337	1.00E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO15 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001238	1.74E-20	-0.001243
-2.94E-22	-9.75E-05	-4.57E-21	
2	0.001238	9.19E-21	-0.001064
-2.94E-22	-9.55E-05	-4.55E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	0.001238	8.62E-21	-0.001051
-2.94E-22	-9.51E-05	-4.56E-21	
4	0.001238	7.82E-21	-0.001034
-2.94E-22	-9.44E-05	-4.56E-21	
5	0.001237	4.16E-21	-0.000866
-2.94E-22	-7.39E-05	-4.65E-21	
6	0.001239	-4.44E-22	-0.000794
-2.25E-22	-6.20E-05	-4.83E-21	
7	0.001242	-6.36E-21	-0.000721
-1.27E-22	-3.57E-05	-4.71E-21	
8	0.001243	-8.63E-21	-0.000701
-8.19E-23	-1.87E-05	-4.39E-21	
9	0.001244	-9.49E-21	-0.000695
-6.37E-23	-1.11E-05	-4.25E-21	
10	0.001244	-1.02E-20	-0.000691
-3.42E-23	4.52E-06	-3.38E-21	
11	0.001246	-1.13E-20	-0.000694
3.96E-23	4.79E-05	-9.62E-22	
12	0.001250	-9.27E-21	-0.000795
1.91E-22	0.000154	3.80E-21	
13	0.001252	-4.16E-21	-0.000966
2.94E-22	0.000243	6.77E-21	
14	0.001254	2.35E-21	-0.001300
2.94E-22	0.000306	8.99E-21	
15	0.001254	3.93E-21	-0.001355
2.94E-22	0.000307	9.03E-21	
16	0.001254	5.06E-21	-0.001394
2.94E-22	0.000307	9.05E-21	
17	0.001254	2.15E-20	-0.001955
2.94E-22	0.000310	9.19E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO16 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.49E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	5.49E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-4.67E-21	
7	9.38E-06	-3.30E-21	-0.000585
-6.93E-23	-5.42E-05	-4.83E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO16 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.49E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	5.49E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	9.38E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO17 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.57E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.57E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	
3	6.57E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.57E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.57E-05	3.88E-21	-0.001237
-2.74E-22	-0.000194	-5.35E-21	
6	6.86E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	7.24E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.40E-05	-1.09E-20	-0.000905
-7.64E-23	-5.70E-05	-4.67E-21	
9	7.47E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.55E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.76E-05	-1.33E-20	-0.000890
3.69E-23	3.26E-05	-5.85E-23	
12	8.22E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.57E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.57E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.61E-21	
15	8.57E-05	4.86E-21	-0.001575
2.74E-22	0.000282	9.64E-21	
16	8.57E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.57E-05	2.36E-20	-0.002128
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO17 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.57E-05	1.90E-20	-0.002040
-2.74E-22	-0.000235	-5.21E-21	
2	6.57E-05	9.63E-21	-0.001613
-2.74E-22	-0.000233	-5.19E-21	
3	6.57E-05	8.98E-21	-0.001583
-2.74E-22	-0.000233	-5.19E-21	
4	6.57E-05	8.07E-21	-0.001542
-2.74E-22	-0.000232	-5.19E-21	
5	6.57E-05	3.88E-21	-0.001237
-2.74E-22	-0.000194	-5.35E-21	
6	6.86E-05	-1.50E-21	-0.001079
-2.10E-22	-0.000148	-5.70E-21	
7	7.24E-05	-8.38E-21	-0.000939
-1.19E-22	-8.62E-05	-5.26E-21	
8	7.40E-05	-1.09E-20	-0.000905
-7.64E-23	-5.70E-05	-4.67E-21	
9	7.47E-05	-1.18E-20	-0.000895
-5.94E-23	-4.55E-05	-4.44E-21	
10	7.55E-05	-1.25E-20	-0.000888
-3.19E-23	-2.32E-05	-3.18E-21	
11	7.76E-05	-1.33E-20	-0.000890
3.69E-23	3.26E-05	-5.85E-23	
12	8.22E-05	-9.85E-21	-0.000999
1.78E-22	0.000143	4.92E-21	
13	8.57E-05	-3.88E-21	-0.001168
2.74E-22	0.000217	7.33E-21	
14	8.57E-05	3.18E-21	-0.001525
2.74E-22	0.000281	9.61E-21	
15	8.57E-05	4.86E-21	-0.001575
2.74E-22	0.000282	9.64E-21	
16	8.57E-05	6.07E-21	-0.001611
2.74E-22	0.000282	9.66E-21	
17	8.57E-05	2.36E-20	-0.002128
2.74E-22	0.000285	9.80E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ULO18 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001922	1.87E-20	-0.001014
-3.34E-22	-4.87E-05	-4.84E-21	
2	0.001922	1.01E-20	-0.000923
-3.34E-22	-4.68E-05	-4.82E-21	
3	0.001922	9.45E-21	-0.000917
-3.34E-22	-4.65E-05	-4.82E-21	
4	0.001922	8.60E-21	-0.000908
-3.34E-22	-4.59E-05	-4.83E-21	
5	0.001920	4.73E-21	-0.000781
-3.34E-22	-2.98E-05	-4.89E-21	
6	0.001922	-8.52E-23	-0.000739
-2.56E-22	-3.10E-05	-5.02E-21	
7	0.001925	-6.28E-21	-0.000686
-1.45E-22	-1.65E-05	-5.02E-21	
8	0.001926	-8.73E-21	-0.000671
-9.32E-23	-2.52E-06	-4.78E-21	
9	0.001927	-9.67E-21	-0.000667
-7.25E-23	4.34E-06	-4.66E-21	
10	0.001927	-1.05E-20	-0.000664
-3.89E-23	1.91E-05	-3.85E-21	
11	0.001929	-1.18E-20	-0.000669
4.51E-23	6.27E-05	-1.42E-21	
12	0.001932	-1.01E-20	-0.000783
2.18E-22	0.000180	3.79E-21	
13	0.001935	-4.73E-21	-0.000977
3.34E-22	0.000285	7.31E-21	
14	0.001937	2.26E-21	-0.001341
3.34E-22	0.000351	9.68E-21	
15	0.001937	3.96E-21	-0.001404
3.34E-22	0.000352	9.71E-21	
16	0.001937	5.17E-21	-0.001448
3.34E-22	0.000352	9.73E-21	
17	0.001937	2.28E-20	-0.002091
3.34E-22	0.000355	9.86E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO01 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000103	1.88E-20	-0.001929
-2.69E-22	-0.000223	-5.16E-21	
2	0.000103	9.51E-21	-0.001525
-2.69E-22	-0.000221	-5.14E-21	
3	0.000103	8.87E-21	-0.001497
-2.69E-22	-0.000221	-5.14E-21	
4	0.000103	7.97E-21	-0.001457
-2.69E-22	-0.000220	-5.14E-21	
5	0.000103	3.81E-21	-0.001166
-2.69E-22	-0.000184	-5.30E-21	
6	0.000106	-1.50E-21	-0.001014
-2.07E-22	-0.000141	-5.63E-21	
7	0.000110	-8.31E-21	-0.000881
-1.17E-22	-8.03E-05	-5.20E-21	
8	0.000111	-1.08E-20	-0.000849
-7.52E-23	-5.15E-05	-4.62E-21	
9	0.000112	-1.17E-20	-0.000840
-5.84E-23	-4.00E-05	-4.39E-21	
10	0.000113	-1.24E-20	-0.000834
-3.14E-23	-1.79E-05	-3.15E-21	
11	0.000115	-1.32E-20	-0.000839
3.63E-23	3.74E-05	-4.52E-23	
12	0.000119	-9.73E-21	-0.000953
1.76E-22	0.000146	4.88E-21	
13	0.000123	-3.81E-21	-0.001127
2.69E-22	0.000219	7.25E-21	
14	0.000123	3.14E-21	-0.001483
2.69E-22	0.000281	9.45E-21	
15	0.000123	4.80E-21	-0.001533
2.69E-22	0.000282	9.48E-21	
16	0.000123	5.99E-21	-0.001568
2.69E-22	0.000282	9.49E-21	
17	0.000123	2.32E-20	-0.002083
2.69E-22	0.000284	9.61E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO01 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000103	1.88E-20	-0.001929
-2.69E-22	-0.000223	-5.16E-21	
2	0.000103	9.51E-21	-0.001525
-2.69E-22	-0.000221	-5.14E-21	
3	0.000103	8.87E-21	-0.001497
-2.69E-22	-0.000221	-5.14E-21	
4	0.000103	7.97E-21	-0.001457
-2.69E-22	-0.000220	-5.14E-21	
5	0.000103	3.81E-21	-0.001166
-2.69E-22	-0.000184	-5.30E-21	
6	0.000106	-1.50E-21	-0.001014
-2.07E-22	-0.000141	-5.63E-21	
7	0.000110	-8.31E-21	-0.000881
-1.17E-22	-8.03E-05	-5.20E-21	
8	0.000111	-1.08E-20	-0.000849
-7.52E-23	-5.15E-05	-4.62E-21	
9	0.000112	-1.17E-20	-0.000840
-5.84E-23	-4.00E-05	-4.39E-21	
10	0.000113	-1.24E-20	-0.000834
-3.14E-23	-1.79E-05	-3.15E-21	
11	0.000115	-1.32E-20	-0.000839
3.63E-23	3.74E-05	-4.52E-23	
12	0.000119	-9.73E-21	-0.000953
1.76E-22	0.000146	4.88E-21	
13	0.000123	-3.81E-21	-0.001127
2.69E-22	0.000219	7.25E-21	
14	0.000123	3.14E-21	-0.001483
2.69E-22	0.000281	9.45E-21	
15	0.000123	4.80E-21	-0.001533
2.69E-22	0.000282	9.48E-21	
16	0.000123	5.99E-21	-0.001568
2.69E-22	0.000282	9.49E-21	
17	0.000123	2.32E-20	-0.002083
2.69E-22	0.000284	9.61E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO02 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.33E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	6.33E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	6.33E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	6.33E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	6.33E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.99E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	1.02E-05	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.12E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.16E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.21E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.33E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.51E-23	
12	1.60E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.80E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.80E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.80E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.80E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.80E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEO02 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.33E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	6.33E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	6.33E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	6.33E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	6.33E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.99E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	1.02E-05	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.12E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.16E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.21E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.33E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.51E-23	
12	1.60E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.80E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.80E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.80E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.80E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.80E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO03 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.002082	1.70E-20	-0.000722
-3.14E-22	-9.50E-06	-4.34E-21	
2	0.002082	9.22E-21	-0.000702
-3.14E-22	-7.90E-06	-4.33E-21	
3	0.002082	8.67E-21	-0.000700
-3.14E-22	-7.59E-06	-4.33E-21	
4	0.002082	7.92E-21	-0.000698
-3.14E-22	-7.09E-06	-4.33E-21	
5	0.002079	4.45E-21	-0.000617
-3.14E-22	3.28E-06	-4.37E-21	
6	0.002081	1.63E-22	-0.000599
-2.41E-22	-6.34E-06	-4.45E-21	
7	0.002083	-5.35E-21	-0.000568
-1.36E-22	-1.62E-06	-4.53E-21	
8	0.002085	-7.58E-21	-0.000558
-8.76E-23	8.45E-06	-4.37E-21	
9	0.002085	-8.44E-21	-0.000555
-6.81E-23	1.39E-05	-4.28E-21	
10	0.002085	-9.23E-21	-0.000553
-3.66E-23	2.60E-05	-3.61E-21	
11	0.002087	-1.05E-20	-0.000560
4.24E-23	6.36E-05	-1.53E-21	
12	0.002090	-9.21E-21	-0.000665
2.05E-22	0.000171	3.26E-21	
13	0.002092	-4.45E-21	-0.000849
3.14E-22	0.000272	6.65E-21	
14	0.002094	1.90E-21	-0.001182
3.14E-22	0.000333	8.81E-21	
15	0.002094	3.44E-21	-0.001241
3.14E-22	0.000333	8.83E-21	
16	0.002094	4.55E-21	-0.001283
3.14E-22	0.000334	8.85E-21	
17	0.002094	2.06E-20	-0.001890
3.14E-22	0.000336	8.96E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO03 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.002082	1.70E-20	-0.000722
-3.14E-22	-9.50E-06	-4.34E-21	
2	0.002082	9.22E-21	-0.000702
-3.14E-22	-7.90E-06	-4.33E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	0.002082	8.67E-21	-0.000700
-3.14E-22	-7.59E-06	-4.33E-21	
4	0.002082	7.92E-21	-0.000698
-3.14E-22	-7.09E-06	-4.33E-21	
5	0.002079	4.45E-21	-0.000617
-3.14E-22	3.28E-06	-4.37E-21	
6	0.002081	1.63E-22	-0.000599
-2.41E-22	-6.34E-06	-4.45E-21	
7	0.002083	-5.35E-21	-0.000568
-1.36E-22	-1.62E-06	-4.53E-21	
8	0.002085	-7.58E-21	-0.000558
-8.76E-23	8.45E-06	-4.37E-21	
9	0.002085	-8.44E-21	-0.000555
-6.81E-23	1.39E-05	-4.28E-21	
10	0.002085	-9.23E-21	-0.000553
-3.66E-23	2.60E-05	-3.61E-21	
11	0.002087	-1.05E-20	-0.000560
4.24E-23	6.36E-05	-1.53E-21	
12	0.002090	-9.21E-21	-0.000665
2.05E-22	0.000171	3.26E-21	
13	0.002092	-4.45E-21	-0.000849
3.14E-22	0.000272	6.65E-21	
14	0.002094	1.90E-21	-0.001182
3.14E-22	0.000333	8.81E-21	
15	0.002094	3.44E-21	-0.001241
3.14E-22	0.000333	8.83E-21	
16	0.002094	4.55E-21	-0.001283
3.14E-22	0.000334	8.85E-21	
17	0.002094	2.06E-20	-0.001890
3.14E-22	0.000336	8.96E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO04 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001346	1.95E-20	-0.001322
-3.24E-22	-0.000106	-5.16E-21	
2	0.001346	1.03E-20	-0.001129
-3.24E-22	-0.000104	-5.14E-21	
3	0.001346	9.62E-21	-0.001116
-3.24E-22	-0.000104	-5.14E-21	
4	0.001346	8.72E-21	-0.001097
-3.24E-22	-0.000103	-5.14E-21	
5	0.001344	4.59E-21	-0.000913
-3.24E-22	-8.11E-05	-5.24E-21	
6	0.001347	-6.01E-22	-0.000833
-2.48E-22	-6.75E-05	-5.44E-21	
7	0.001350	-7.26E-21	-0.000753
-1.41E-22	-3.66E-05	-5.29E-21	
8	0.001351	-9.81E-21	-0.000733
-9.04E-23	-1.68E-05	-4.92E-21	
9	0.001352	-1.08E-20	-0.000727
-7.03E-23	-8.07E-06	-4.75E-21	
10	0.001353	-1.16E-20	-0.000724
-3.77E-23	9.94E-06	-3.75E-21	
11	0.001354	-1.28E-20	-0.000731
4.37E-23	5.95E-05	-9.87E-22	
12	0.001358	-1.04E-20	-0.000853
2.11E-22	0.000178	4.35E-21	
13	0.001361	-4.59E-21	-0.001052
3.24E-22	0.000276	7.58E-21	
14	0.001363	2.68E-21	-0.001431
3.24E-22	0.000344	1.00E-20	
15	0.001363	4.44E-21	-0.001492
3.24E-22	0.000345	1.00E-20	
16	0.001363	5.69E-21	-0.001535
3.24E-22	0.000345	1.00E-20	
17	0.001363	2.39E-20	-0.002163
3.24E-22	0.000347	1.02E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO04 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001346	1.95E-20	-0.001322
-3.24E-22	-0.000106	-5.16E-21	
2	0.001346	1.03E-20	-0.001129
-3.24E-22	-0.000104	-5.14E-21	
3	0.001346	9.62E-21	-0.001116
-3.24E-22	-0.000104	-5.14E-21	
4	0.001346	8.72E-21	-0.001097
-3.24E-22	-0.000103	-5.14E-21	
5	0.001344	4.59E-21	-0.000913
-3.24E-22	-8.11E-05	-5.24E-21	
6	0.001347	-6.01E-22	-0.000833
-2.48E-22	-6.75E-05	-5.44E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
7	0.001350	-7.26E-21	-0.000753
-1.41E-22	-3.66E-05	-5.29E-21	
8	0.001351	-9.81E-21	-0.000733
-9.04E-23	-1.68E-05	-4.92E-21	
9	0.001352	-1.08E-20	-0.000727
-7.03E-23	-8.07E-06	-4.75E-21	
10	0.001353	-1.16E-20	-0.000724
-3.77E-23	9.94E-06	-3.75E-21	
11	0.001354	-1.28E-20	-0.000731
4.37E-23	5.95E-05	-9.87E-22	
12	0.001358	-1.04E-20	-0.000853
2.11E-22	0.000178	4.35E-21	
13	0.001361	-4.59E-21	-0.001052
3.24E-22	0.000276	7.58E-21	
14	0.001363	2.68E-21	-0.001431
3.24E-22	0.000344	1.00E-20	
15	0.001363	4.44E-21	-0.001492
3.24E-22	0.000345	1.00E-20	
16	0.001363	5.69E-21	-0.001535
3.24E-22	0.000345	1.00E-20	
17	0.001363	2.39E-20	-0.002163
3.24E-22	0.000347	1.02E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO05 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001287	1.48E-20	-0.000915
-2.58E-22	-5.81E-05	-3.86E-21	
2	0.001287	7.89E-21	-0.000808
-2.58E-22	-5.65E-05	-3.84E-21	
3	0.001287	7.41E-21	-0.000801
-2.58E-22	-5.61E-05	-3.84E-21	
4	0.001287	6.73E-21	-0.000790
-2.58E-22	-5.56E-05	-3.84E-21	
5	0.001286	3.65E-21	-0.000671
-2.58E-22	-4.13E-05	-3.90E-21	
6	0.001287	-2.07E-22	-0.000625
-1.98E-22	-3.72E-05	-4.03E-21	
7	0.001290	-5.16E-21	-0.000574
-1.12E-22	-2.08E-05	-3.98E-21	
8	0.001291	-7.09E-21	-0.000560
-7.18E-23	-8.26E-06	-3.76E-21	
9	0.001291	-7.83E-21	-0.000556
-5.59E-23	-2.37E-06	-3.65E-21	
10	0.001292	-8.49E-21	-0.000553
-3.00E-23	1.00E-05	-2.97E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.001293	-9.49E-21	-0.000557
3.47E-23	4.56E-05	-9.87E-22	
12	0.001296	-7.93E-21	-0.000644
1.68E-22	0.000137	3.10E-21	
13	0.001298	-3.65E-21	-0.000794
2.58E-22	0.000217	5.77E-21	
14	0.001299	1.89E-21	-0.001081
2.58E-22	0.000270	7.68E-21	
15	0.001299	3.24E-21	-0.001129
2.58E-22	0.000271	7.70E-21	
16	0.001299	4.20E-21	-0.001163
2.58E-22	0.000271	7.72E-21	
17	0.001299	1.82E-20	-0.001659
2.58E-22	0.000274	7.83E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO06 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000669	1.81E-20	-0.001726
-2.58E-22	-0.000214	-4.96E-21	
2	-0.000435	9.14E-21	-0.001339
-2.58E-22	-0.000212	-4.95E-21	
3	-0.000419	8.52E-21	-0.001312
-2.58E-22	-0.000212	-4.95E-21	
4	-0.000396	7.66E-21	-0.001274
-2.58E-22	-0.000211	-4.95E-21	
5	-0.000292	3.66E-21	-0.001008
-2.58E-22	-0.000180	-5.08E-21	
6	-0.000163	-1.44E-21	-0.000859
-1.98E-22	-0.000138	-5.40E-21	
7	-1.72E-06	-7.98E-21	-0.000729
-1.12E-22	-7.93E-05	-4.99E-21	
8	6.44E-05	-1.03E-20	-0.000698
-7.21E-23	-5.16E-05	-4.43E-21	
9	9.08E-05	-1.12E-20	-0.000689
-5.60E-23	-4.06E-05	-4.21E-21	
10	0.000117	-1.19E-20	-0.000683
-3.01E-23	-1.93E-05	-3.02E-21	
11	0.000184	-1.27E-20	-0.000686
3.48E-23	3.38E-05	-3.77E-23	
12	0.000346	-9.34E-21	-0.000794
1.68E-22	0.000138	4.69E-21	
13	0.000475	-3.66E-21	-0.000958
2.58E-22	0.000208	6.95E-21	
14	0.000579	2.88E-21	-0.001276
2.58E-22	0.000260	8.82E-21	
15	0.000602	4.43E-21	-0.001322
2.58E-22	0.000261	8.85E-21	
16	0.000618	5.54E-21	-0.001355
2.58E-22	0.000261	8.86E-21	
17	0.000852	2.16E-20	-0.001832
2.58E-22	0.000264	8.97E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO06 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000669	1.81E-20	-0.001726
-2.58E-22	-0.000214	-4.96E-21	
2	-0.000435	9.14E-21	-0.001339
-2.58E-22	-0.000212	-4.95E-21	
3	-0.000419	8.52E-21	-0.001312
-2.58E-22	-0.000212	-4.95E-21	
4	-0.000396	7.66E-21	-0.001274
-2.58E-22	-0.000211	-4.95E-21	
5	-0.000292	3.66E-21	-0.001008
-2.58E-22	-0.000180	-5.08E-21	
6	-0.000163	-1.44E-21	-0.000859
-1.98E-22	-0.000138	-5.40E-21	
7	-1.72E-06	-7.98E-21	-0.000729
-1.12E-22	-7.93E-05	-4.99E-21	
8	6.44E-05	-1.03E-20	-0.000698
-7.21E-23	-5.16E-05	-4.43E-21	
9	9.08E-05	-1.12E-20	-0.000689
-5.60E-23	-4.06E-05	-4.21E-21	
10	0.000117	-1.19E-20	-0.000683
-3.01E-23	-1.93E-05	-3.02E-21	
11	0.000184	-1.27E-20	-0.000686
3.48E-23	3.38E-05	-3.77E-23	
12	0.000346	-9.34E-21	-0.000794
1.68E-22	0.000138	4.69E-21	
13	0.000475	-3.66E-21	-0.000958
2.58E-22	0.000208	6.95E-21	
14	0.000579	2.88E-21	-0.001276
2.58E-22	0.000260	8.82E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	0.000602	4.43E-21	-0.001322
2.58E-22	0.000261	8.85E-21	
16	0.000618	5.54E-21	-0.001355
2.58E-22	0.000261	8.86E-21	
17	0.000852	2.16E-20	-0.001832
2.58E-22	0.000264	8.97E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO07 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.49E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.49E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.49E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.49E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.49E-05	3.20E-21	-0.001008
-2.26E-22	-0.000158	-4.43E-21	
6	6.72E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	7.04E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	7.17E-05	-8.98E-21	-0.000736
-6.30E-23	-4.58E-05	-3.86E-21	
9	7.23E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	7.30E-05	-1.04E-20	-0.000723
-2.63E-23	-1.78E-05	-2.63E-21	
11	7.47E-05	-1.10E-20	-0.000725
3.05E-23	2.83E-05	-4.51E-23	
12	7.85E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	8.14E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	8.14E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	8.14E-05	4.05E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	8.14E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	8.14E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO07 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.49E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.49E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.49E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.49E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.49E-05	3.20E-21	-0.001008
-2.26E-22	-0.000158	-4.43E-21	
6	6.72E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	7.04E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	7.17E-05	-8.98E-21	-0.000736
-6.30E-23	-4.58E-05	-3.86E-21	
9	7.23E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	7.30E-05	-1.04E-20	-0.000723
-2.63E-23	-1.78E-05	-2.63E-21	
11	7.47E-05	-1.10E-20	-0.000725
3.05E-23	2.83E-05	-4.51E-23	
12	7.85E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	8.14E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	8.14E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	8.14E-05	4.02E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	8.14E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	8.14E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO08 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000728	1.33E-20	-0.001319
-1.92E-22	-0.000166	-3.66E-21	
2	-0.000494	6.76E-21	-0.001018
-1.92E-22	-0.000164	-3.65E-21	
3	-0.000477	6.31E-21	-0.000997
-1.92E-22	-0.000164	-3.65E-21	
4	-0.000455	5.67E-21	-0.000967
-1.92E-22	-0.000164	-3.65E-21	
5	-0.000351	2.72E-21	-0.000766
-1.92E-22	-0.000140	-3.75E-21	
6	-0.000223	-1.05E-21	-0.000651
-1.47E-22	-0.000108	-3.99E-21	
7	-6.19E-05	-5.88E-21	-0.000550
-8.33E-23	-6.35E-05	-3.69E-21	
8	3.80E-06	-7.61E-21	-0.000525
-5.35E-23	-4.30E-05	-3.27E-21	
9	3.01E-05	-8.25E-21	-0.000517
-4.16E-23	-3.49E-05	-3.11E-21	
10	5.64E-05	-8.78E-21	-0.000512
-2.23E-23	-1.92E-05	-2.23E-21	
11	0.000122	-9.34E-21	-0.000512
2.59E-23	1.98E-05	-3.77E-23	
12	0.000283	-6.90E-21	-0.000585
1.25E-22	9.69E-05	3.44E-21	
13	0.000412	-2.72E-21	-0.000700
1.92E-22	0.000149	5.14E-21	
14	0.000516	2.10E-21	-0.000926
1.92E-22	0.000187	6.49E-21	
15	0.000538	3.23E-21	-0.000959
1.92E-22	0.000187	6.51E-21	
16	0.000555	4.05E-21	-0.000983
1.92E-22	0.000188	6.53E-21	
17	0.000789	1.59E-20	-0.001328
1.92E-22	0.000190	6.64E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO08 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-0.000728	1.33E-20	-0.001319
-1.92E-22	-0.000166	-3.66E-21	

2	-0.000494	6.76E-21	-0.001018
-1.92E-22	-0.000164	-3.65E-21	
3	-0.000477	6.31E-21	-0.000997
-1.92E-22	-0.000164	-3.65E-21	
4	-0.000455	5.67E-21	-0.000967
-1.92E-22	-0.000164	-3.65E-21	
5	-0.000351	2.72E-21	-0.000766
-1.92E-22	-0.000140	-3.75E-21	
6	-0.000223	-1.05E-21	-0.000651
-1.47E-22	-0.000108	-3.99E-21	
7	-6.19E-05	-5.88E-21	-0.000550
-8.33E-23	-6.35E-05	-3.69E-21	
8	3.80E-06	-7.61E-21	-0.000525
-5.35E-23	-4.30E-05	-3.27E-21	
9	3.01E-05	-8.25E-21	-0.000517
-4.16E-23	-3.49E-05	-3.11E-21	
10	5.64E-05	-8.78E-21	-0.000512
-2.23E-23	-1.92E-05	-2.23E-21	
11	0.000122	-9.34E-21	-0.000512
2.59E-23	1.98E-05	-3.77E-23	
12	0.000283	-6.90E-21	-0.000585
1.25E-22	9.69E-05	3.44E-21	
13	0.000412	-2.72E-21	-0.000700
1.92E-22	0.000149	5.14E-21	
14	0.000516	2.10E-21	-0.000926
1.92E-22	0.000187	6.49E-21	
15	0.000538	3.23E-21	-0.000959
1.92E-22	0.000187	6.51E-21	
16	0.000555	4.05E-21	-0.000983
1.92E-22	0.000188	6.53E-21	
17	0.000789	1.59E-20	-0.001328
1.92E-22	0.000190	6.64E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEO09 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.33E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	6.33E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	6.33E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	6.33E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	6.33E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.99E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	1.02E-05	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.12E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.16E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.21E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.33E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.51E-23	
12	1.60E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.80E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.80E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.80E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.80E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.80E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO09 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.33E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	6.33E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	6.33E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	6.33E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	6.33E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.99E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	1.02E-05	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.12E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.16E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.21E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.33E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.51E-23	
12	1.60E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.80E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.80E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.80E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.80E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.80E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO10 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001296	1.85E-20	-0.000740
-3.31E-22	-2.83E-05	-4.77E-21	
2	0.001521	9.93E-21	-0.000687
-3.31E-22	-2.68E-05	-4.76E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	0.001536	9.34E-21	-0.000683
-3.31E-22	-2.65E-05	-4.76E-21	
4	0.001558	8.51E-21	-0.000678
-3.31E-22	-2.60E-05	-4.76E-21	
5	0.001656	4.69E-21	-0.000585
-3.31E-22	-1.63E-05	-4.80E-21	
6	0.001779	-2.76E-23	-0.000551
-2.54E-22	-2.12E-05	-4.92E-21	
7	0.001934	-6.10E-21	-0.000506
-1.44E-22	-9.93E-06	-4.94E-21	
8	0.001997	-8.51E-21	-0.000493
-9.24E-23	3.05E-06	-4.72E-21	
9	0.002022	-9.44E-21	-0.000490
-7.19E-23	9.59E-06	-4.61E-21	
10	0.002048	-1.03E-20	-0.000487
-3.86E-23	2.38E-05	-3.82E-21	
11	0.002111	-1.16E-20	-0.000495
4.47E-23	6.63E-05	-1.46E-21	
12	0.002266	-9.94E-21	-0.000611
2.16E-22	0.000182	3.70E-21	
13	0.002390	-4.69E-21	-0.000808
3.31E-22	0.000286	7.20E-21	
14	0.002492	2.05E-21	-0.001147
3.31E-22	0.000344	9.26E-21	
15	0.002514	3.67E-21	-0.001208
3.31E-22	0.000345	9.29E-21	
16	0.002530	4.83E-21	-0.001252
3.31E-22	0.000345	9.30E-21	
17	0.002755	2.17E-20	-0.001880
3.31E-22	0.000345	9.41E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO10 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001296	1.85E-20	-0.000740
-3.31E-22	-2.83E-05	-4.77E-21	
2	0.001521	9.93E-21	-0.000687
-3.31E-22	-2.68E-05	-4.76E-21	
3	0.001536	9.34E-21	-0.000683
-3.31E-22	-2.65E-05	-4.76E-21	
4	0.001558	8.51E-21	-0.000678
-3.31E-22	-2.60E-05	-4.76E-21	
5	0.001656	4.69E-21	-0.000585
-3.31E-22	-1.63E-05	-4.80E-21	
6	0.001779	-2.76E-23	-0.000551
-2.54E-22	-2.12E-05	-4.92E-21	
7	0.001934	-6.10E-21	-0.000506
-1.44E-22	-9.93E-06	-4.94E-21	
8	0.001997	-8.51E-21	-0.000493
-9.24E-23	3.05E-06	-4.72E-21	
9	0.002022	-9.44E-21	-0.000490
-7.19E-23	9.59E-06	-4.61E-21	
10	0.002048	-1.03E-20	-0.000487
-3.86E-23	2.38E-05	-3.82E-21	
11	0.002111	-1.16E-20	-0.000495
4.47E-23	6.63E-05	-1.46E-21	
12	0.002266	-9.94E-21	-0.000611
2.16E-22	0.000182	3.70E-21	
13	0.002390	-4.69E-21	-0.000808
3.31E-22	0.000286	7.20E-21	
14	0.002492	2.05E-21	-0.001147
3.31E-22	0.000344	9.26E-21	
15	0.002514	3.67E-21	-0.001208
3.31E-22	0.000345	9.29E-21	
16	0.002530	4.83E-21	-0.001252
3.31E-22	0.000345	9.30E-21	
17	0.002755	2.17E-20	-0.001880
3.31E-22	0.000348	9.41E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO11 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.002002	1.62E-20	-0.000680
-3.00E-22	-7.47E-06	-4.14E-21	
2	0.002001	8.80E-21	-0.000663
-3.00E-22	-5.95E-06	-4.13E-21	
3	0.002001	8.28E-21	-0.000662
-3.00E-22	-5.66E-06	-4.13E-21	
4	0.002001	7.56E-21	-0.000661
-3.00E-22	-5.18E-06	-4.13E-21	
5	0.001999	4.25E-21	-0.000584
-3.00E-22	4.53E-06	-4.17E-21	
6	0.002001	1.66E-22	-0.000568
-2.30E-22	-5.05E-06	-4.24E-21	
7	0.002003	-5.09E-21	-0.000539
-1.30E-22	-9.31E-07	-4.32E-21	
8	0.002004	-7.21E-21	-0.000530
-8.37E-23	8.56E-06	-4.17E-21	
9	0.002005	-8.04E-21	-0.000528
-6.51E-23	1.37E-05	-4.09E-21	
10	0.002005	-8.79E-21	-0.000526
-3.49E-23	2.52E-05	-3.45E-21	
11	0.002006	-1.00E-20	-0.000532
4.05E-23	6.10E-05	-1.47E-21	
12	0.002009	-8.79E-21	-0.000633
1.96E-22	0.000164	3.10E-21	
13	0.002011	-4.25E-21	-0.000808
3.00E-22	0.000260	6.34E-21	
14	0.002014	1.80E-21	-0.001126
3.00E-22	0.000318	8.40E-21	
15	0.002014	3.28E-21	-0.001183
3.00E-22	0.000319	8.43E-21	
16	0.002014	4.33E-21	-0.001223
3.00E-22	0.000319	8.44E-21	
17	0.002014	1.97E-20	-0.001803
3.00E-22	0.000321	8.55E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO11 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.002002	1.62E-20	-0.000680
-3.00E-22	-7.47E-06	-4.14E-21	
2	0.002001	8.80E-21	-0.000663
-3.00E-22	-5.95E-06	-4.13E-21	
3	0.002001	8.28E-21	-0.000662
-3.00E-22	-5.66E-06	-4.13E-21	
4	0.002001	7.56E-21	-0.000661
-3.00E-22	-5.18E-06	-4.13E-21	
5	0.001999	4.25E-21	-0.000584
-3.00E-22	4.53E-06	-4.17E-21	
6	0.002001	1.66E-22	-0.000568
-2.30E-22	-5.05E-06	-4.24E-21	
7	0.002003	-5.09E-21	-0.000539
-1.30E-22	-9.31E-07	-4.32E-21	
8	0.002004	-7.21E-21	-0.000530
-8.37E-23	8.56E-06	-4.17E-21	
9	0.002005	-8.04E-21	-0.000528
-6.51E-23	1.37E-05	-4.09E-21	
10	0.002005	-8.79E-21	-0.000526
-3.49E-23	2.52E-05	-3.45E-21	
11	0.002006	-1.00E-20	-0.000532
4.05E-23	6.10E-05	-1.47E-21	
12	0.002009	-8.79E-21	-0.000633
1.96E-22	0.000164	3.10E-21	
13	0.002011	-4.25E-21	-0.000808
3.00E-22	0.000260	6.34E-21	
14	0.002014	1.80E-21	-0.001126
3.00E-22	0.000318	8.40E-21	
15	0.002014	3.28E-21	-0.001183
3.00E-22	0.000319	8.43E-21	
16	0.002014	4.33E-21	-0.001223
3.00E-22	0.000319	8.44E-21	
17	0.002014	1.97E-20	-0.001803
3.00E-22	0.000321	8.55E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO12 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000588	2.09E-20	-0.001318
-3.41E-22	-0.000121	-5.56E-21	
2	0.000813	1.09E-20	-0.001098
-3.41E-22	-0.000119	-5.54E-21	
3	0.000829	1.02E-20	-0.001082
-3.41E-22	-0.000119	-5.54E-21	
4	0.000851	9.28E-21	-0.001061
-3.41E-22	-0.000118	-5.54E-21	
5	0.000949	4.82E-21	-0.000870
-3.41E-22	-9.74E-05	-5.63E-21	
6	0.001073	-7.61E-22	-0.000776
-2.61E-22	-8.00E-05	-5.86E-21	
7	0.001229	-7.93E-21	-0.000684
-1.48E-22	-4.36E-05	-5.67E-21	
8	0.001292	-1.07E-20	-0.000661
-9.50E-23	-2.13E-05	-5.25E-21	
9	0.001318	-1.17E-20	-0.000655
-7.39E-23	-1.15E-05	-5.06E-21	
10	0.001343	-1.26E-20	-0.000651
-3.97E-23	8.34E-06	-3.96E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.001407	-1.38E-20	-0.000659
4.60E-23	6.24E-05	-9.41E-22	
12	0.001563	-1.10E-20	-0.000791
2.22E-22	0.000189	4.74E-21	
13	0.001687	-4.82E-21	-0.001003
3.41E-22	0.000290	8.10E-21	
14	0.001789	2.80E-21	-0.001386
3.41E-22	0.000355	1.04E-20	
15	0.001811	4.63E-21	-0.001449
3.41E-22	0.000356	1.04E-20	
16	0.001826	5.93E-21	-0.001494
3.41E-22	0.000356	1.05E-20	
17	0.002051	2.49E-20	-0.002142
3.41E-22	0.000359	1.06E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO12 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000588	2.09E-20	-0.001318
-3.41E-22	-0.000121	-5.56E-21	
2	0.000813	1.09E-20	-0.001098
-3.41E-22	-0.000119	-5.54E-21	
3	0.000829	1.02E-20	-0.001082
-3.41E-22	-0.000119	-5.54E-21	
4	0.000851	9.28E-21	-0.001061
-3.41E-22	-0.000118	-5.54E-21	
5	0.000949	4.82E-21	-0.000870
-3.41E-22	-9.74E-05	-5.63E-21	
6	0.001073	-7.61E-22	-0.000776
-2.61E-22	-8.00E-05	-5.86E-21	
7	0.001229	-7.93E-21	-0.000684
-1.48E-22	-4.36E-05	-5.67E-21	
8	0.001292	-1.07E-20	-0.000661
-9.50E-23	-2.13E-05	-5.25E-21	
9	0.001318	-1.17E-20	-0.000655
-7.39E-23	-1.15E-05	-5.06E-21	
10	0.001343	-1.26E-20	-0.000651
-3.97E-23	8.34E-06	-3.96E-21	
11	0.001407	-1.38E-20	-0.000659
4.60E-23	6.24E-05	-9.41E-22	
12	0.001563	-1.10E-20	-0.000791
2.22E-22	0.000189	4.74E-21	
13	0.001687	-4.82E-21	-0.001003
3.41E-22	0.000290	8.10E-21	
14	0.001789	2.80E-21	-0.001386
3.41E-22	0.000355	1.04E-20	
15	0.001811	4.63E-21	-0.001449
3.41E-22	0.000356	1.04E-20	
16	0.001826	5.93E-21	-0.001494
3.41E-22	0.000356	1.05E-20	
17	0.002051	2.49E-20	-0.002142
3.41E-22	0.000359	1.06E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO13 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001294	1.87E-20	-0.001257
-3.10E-22	-0.000100	-4.92E-21	
2	0.001294	9.80E-21	-0.001074
-3.10E-22	-9.83E-05	-4.91E-21	
3	0.001294	9.19E-21	-0.001062
-3.10E-22	-9.80E-05	-4.91E-21	
4	0.001294	8.33E-21	-0.001044
-3.10E-22	-9.76E-05	-4.91E-21	
5	0.001293	4.38E-21	-0.000869
-3.10E-22	-7.66E-05	-5.00E-21	
6	0.001295	-5.68E-22	-0.000793
-2.37E-22	-6.39E-05	-5.19E-21	
7	0.001298	-6.93E-21	-0.000717
-1.34E-22	-3.46E-05	-5.05E-21	
8	0.001299	-9.36E-21	-0.000698
-8.64E-23	-1.58E-05	-4.70E-21	
9	0.001300	-1.03E-20	-0.000693
-6.72E-23	-7.40E-06	-4.54E-21	
10	0.001300	-1.11E-20	-0.000689
-3.60E-23	9.76E-06	-3.59E-21	
11	0.001302	-1.22E-20	-0.000696
4.18E-23	5.71E-05	-9.48E-22	
12	0.001306	-9.90E-21	-0.000814
2.02E-22	0.000171	4.15E-21	
13	0.001309	-4.38E-21	-0.001004
3.10E-22	0.000264	7.24E-21	
14	0.001310	2.56E-21	-0.001365
3.10E-22	0.000329	9.56E-21	
15	0.001310	4.23E-21	-0.001424
3.10E-22	0.000330	9.58E-21	
16	0.001310	5.43E-21	-0.001465
3.10E-22	0.000330	9.60E-21	
17	0.001310	2.28E-20	-0.002065
3.10E-22	0.000332	9.70E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO13 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001294	1.87E-20	-0.001257
-3.10E-22	-0.000100	-4.92E-21	
2	0.001294	9.80E-21	-0.001074
-3.10E-22	-9.83E-05	-4.91E-21	
3	0.001294	9.19E-21	-0.001062
-3.10E-22	-9.80E-05	-4.91E-21	
4	0.001294	8.33E-21	-0.001044
-3.10E-22	-9.76E-05	-4.91E-21	
5	0.001293	4.38E-21	-0.000869
-3.10E-22	-7.66E-05	-5.00E-21	
6	0.001295	-5.68E-22	-0.000793
-2.37E-22	-6.39E-05	-5.19E-21	
7	0.001298	-6.93E-21	-0.000717
-1.34E-22	-3.46E-05	-5.05E-21	
8	0.001299	-9.36E-21	-0.000698
-8.64E-23	-1.58E-05	-4.70E-21	
9	0.001300	-1.03E-20	-0.000693
-6.72E-23	-7.40E-06	-4.54E-21	
10	0.001300	-1.11E-20	-0.000689
-3.60E-23	9.76E-06	-3.59E-21	
11	0.001302	-1.22E-20	-0.000696
4.18E-23	5.71E-05	-9.48E-22	
12	0.001306	-9.90E-21	-0.000814
2.02E-22	0.000171	4.15E-21	
13	0.001309	-4.38E-21	-0.001004
3.10E-22	0.000264	7.24E-21	
14	0.001310	2.56E-21	-0.001365
3.10E-22	0.000329	9.56E-21	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	0.001310	4.23E-21	-0.001424
3.10E-22	0.000330	9.58E-21	
16	0.001310	5.43E-21	-0.001465
3.10E-22	0.000330	9.60E-21	
17	0.001310	2.28E-20	-0.002065
3.10E-22	0.000332	9.70E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO14 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000532	1.64E-20	-0.000927
-2.77E-22	-7.50E-05	-4.31E-21	
2	0.000757	8.65E-21	-0.000789
-2.77E-22	-7.35E-05	-4.29E-21	
3	0.000772	8.12E-21	-0.000779
-2.77E-22	-7.32E-05	-4.29E-21	
4	0.000794	7.37E-21	-0.000766
-2.77E-22	-7.27E-05	-4.29E-21	
5	0.000893	3.92E-21	-0.000637
-2.77E-22	-5.92E-05	-4.35E-21	
6	0.001016	-3.83E-22	-0.000576
-2.12E-22	-5.08E-05	-4.51E-21	
7	0.001171	-5.91E-21	-0.000512
-1.20E-22	-2.84E-05	-4.42E-21	
8	0.001234	-8.04E-21	-0.000495
-7.72E-23	-1.30E-05	-4.13E-21	
9	0.001259	-8.86E-21	-0.000490
-6.01E-23	-6.05E-06	-4.00E-21	
10	0.001285	-9.57E-21	-0.000487
-3.22E-23	8.42E-06	-3.20E-21	
11	0.001348	-1.06E-20	-0.000492
3.73E-23	4.90E-05	-9.41E-22	
12	0.001503	-8.71E-21	-0.000590
1.80E-22	0.000149	3.54E-21	
13	0.001626	-3.92E-21	-0.000755
2.77E-22	0.000233	6.35E-21	
14	0.001728	2.05E-21	-0.001050
2.77E-22	0.000285	8.17E-21	
15	0.001750	3.48E-21	-0.001100
2.77E-22	0.000285	8.20E-21	
16	0.001765	4.50E-21	-0.001136
2.77E-22	0.000286	8.21E-21	
17	0.001990	1.94E-20	-0.001657
2.77E-22	0.000288	8.32E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO14 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000532	1.64E-20	-0.000927
-2.77E-22	-7.50E-05	-4.31E-21	
2	0.000757	8.65E-21	-0.000789
-2.77E-22	-7.35E-05	-4.29E-21	
3	0.000772	8.12E-21	-0.000779
-2.77E-22	-7.32E-05	-4.29E-21	
4	0.000794	7.37E-21	-0.000766
-2.77E-22	-7.27E-05	-4.29E-21	
5	0.000893	3.92E-21	-0.000637

-2.77E-22	-5.92E-05	-4.35E-21	
6	0.001016	-3.83E-22	-0.000576
-2.12E-22	-5.08E-05	-4.51E-21	
7	0.001171	-5.91E-21	-0.000512
-1.20E-22	-2.84E-05	-4.42E-21	
8	0.001234	-8.04E-21	-0.000495
-7.72E-23	-1.30E-05	-4.13E-21	
9	0.001259	-8.86E-21	-0.000490
-6.01E-23	-6.05E-06	-4.00E-21	
10	0.001285	-9.57E-21	-0.000487
-3.22E-23	8.42E-06	-3.20E-21	
11	0.001348	-1.06E-20	-0.000492
3.73E-23	4.90E-05	-9.41E-22	
12	0.001503	-8.71E-21	-0.000590
1.80E-22	0.000149	3.54E-21	
13	0.001626	-3.92E-21	-0.000755
2.77E-22	0.000233	6.35E-21	
14	0.001728	2.05E-21	-0.001050
2.77E-22	0.000285	8.17E-21	
15	0.001750	3.48E-21	-0.001100
2.77E-22	0.000285	8.20E-21	
16	0.001765	4.50E-21	-0.001136
2.77E-22	0.000286	8.21E-21	
17	0.001990	1.94E-20	-0.001657
2.77E-22	0.000288	8.32E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO15 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001238	1.41E-20	-0.000866
-2.46E-22	-5.42E-05	-3.67E-21	
2	0.001237	7.52E-21	-0.000766
-2.46E-22	-5.26E-05	-3.66E-21	
3	0.001237	7.06E-21	-0.000758
-2.46E-22	-5.23E-05	-3.66E-21	
4	0.001237	6.42E-21	-0.000749
-2.46E-22	-5.19E-05	-3.66E-21	
5	0.001236	3.48E-21	-0.000636
-2.46E-22	-3.83E-05	-3.72E-21	
6	0.001238	-1.89E-22	-0.000593
-1.88E-22	-3.47E-05	-3.84E-21	
7	0.001240	-4.91E-21	-0.000545
-1.07E-22	-1.94E-05	-3.80E-21	
8	0.001241	-6.75E-21	-0.000532
-6.86E-23	-7.51E-06	-3.58E-21	
9	0.001241	-7.45E-21	-0.000528
-5.33E-23	-1.93E-06	-3.48E-21	
10	0.001242	-8.08E-21	-0.000525
-2.86E-23	9.85E-06	-2.83E-21	
11	0.001243	-9.03E-21	-0.000529
3.32E-23	4.37E-05	-9.48E-22	
12	0.001246	-7.56E-21	-0.000613
1.60E-22	0.000131	2.95E-21	
13	0.001248	-3.48E-21	-0.000756
2.46E-22	0.000207	5.50E-21	
14	0.001249	1.80E-21	-0.001029
2.46E-22	0.000258	7.32E-21	
15	0.001249	3.08E-21	-0.001075
2.46E-22	0.000259	7.34E-21	
16	0.001249	4.00E-21	-0.001108
2.46E-22	0.000259	7.35E-21	
17	0.001249	1.74E-20	-0.001580
2.46E-22	0.000261	7.46E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEO15 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001238	1.41E-20	-0.000866
-2.46E-22	-5.42E-05	-3.67E-21	
2	0.001237	7.52E-21	-0.000766
-2.46E-22	-5.26E-05	-3.66E-21	
3	0.001237	7.06E-21	-0.000758
-2.46E-22	-5.23E-05	-3.66E-21	
4	0.001237	6.42E-21	-0.000749
-2.46E-22	-5.19E-05	-3.66E-21	
5	0.001236	3.48E-21	-0.000636
-2.46E-22	-3.83E-05	-3.72E-21	
6	0.001238	-1.89E-22	-0.000593
-1.88E-22	-3.47E-05	-3.84E-21	
7	0.001240	-4.91E-21	-0.000545
-1.07E-22	-1.94E-05	-3.80E-21	
8	0.001241	-6.75E-21	-0.000532
-6.86E-23	-7.51E-06	-3.58E-21	
9	0.001241	-7.45E-21	-0.000528
-5.33E-23	-1.93E-06	-3.48E-21	
10	0.001242	-8.08E-21	-0.000525
-2.86E-23	9.85E-06	-2.83E-21	
11	0.001243	-9.03E-21	-0.000529
3.32E-23	4.37E-05	-9.48E-22	
12	0.001246	-7.56E-21	-0.000613
1.60E-22	0.000131	2.95E-21	
13	0.001248	-3.48E-21	-0.000756
2.46E-22	0.000207	5.50E-21	
14	0.001249	1.80E-21	-0.001029
2.46E-22	0.000258	7.32E-21	
15	0.001249	3.08E-21	-0.001075
2.46E-22	0.000259	7.34E-21	
16	0.001249	4.00E-21	-0.001108
2.46E-22	0.000259	7.35E-21	
17	0.001249	1.74E-20	-0.001580
2.46E-22	0.000261	7.46E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO16 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	5.49E-06	1.10E-20	-0.001256
-1.60E-22	-0.000144	-3.01E-21	
2	5.49E-06	5.58E-21	-0.000994
-1.60E-22	-0.000143	-2.99E-21	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	9.38E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-2.36E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
3	5.49E-06	5.21E-21	-0.000975
-1.60E-22	-0.000142	-2.99E-21	
4	5.49E-06	4.68E-21	-0.000950
-1.60E-22	-0.000142	-2.99E-21	
5	5.49E-06	2.26E-21	-0.000765
-1.60E-22	-0.000119	-3.09E-21	
6	7.16E-06	-8.49E-22	-0.000670
-1.22E-22	-9.08E-05	-3.30E-21	
7	9.38E-06	-4.83E-21	-0.000585
-6.93E-23	-5.42E-05	-3.04E-21	
8	1.03E-05	-6.26E-21	-0.000563
-4.45E-23	-3.73E-05	-2.70E-21	
9	1.07E-05	-6.79E-21	-0.000556
-3.46E-23	-3.06E-05	-2.56E-21	
10	1.12E-05	-7.23E-21	-0.000552
-1.86E-23	-1.77E-05	-1.84E-21	
11	1.24E-05	-7.69E-21	-0.000551
2.15E-23	1.43E-05	-4.49E-23	
12	1.52E-05	-5.70E-21	-0.000608
1.04E-22	7.79E-05	2.83E-21	
13	1.72E-05	-2.26E-21	-0.000700
1.60E-22	0.000121	4.25E-21	
14	1.72E-05	1.84E-21	-0.000904
1.60E-22	0.000159	5.60E-21	
15	1.72E-05	2.82E-21	-0.000933
1.60E-22	0.000160	5.62E-21	
16	1.72E-05	3.53E-21	-0.000953
1.60E-22	0.000160	5.64E-21	
17	1.72E-05	1.38E-20	-0.001249
1.60E-22	0.000163	5.75E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO17 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.49E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.49E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.49E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.49E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.49E-05	3.20E-21	-0.001008
-2.26E-22	-0.000158	-4.43E-21	
6	6.72E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	7.04E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	7.17E-05	-8.98E-21	-0.000736
-6.30E-23	-4.58E-05	-3.86E-21	
9	7.23E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	7.30E-05	-1.04E-20	-0.000723
-2.63E-23	-1.78E-05	-2.63E-21	
11	7.47E-05	-1.10E-20	-0.000725
3.05E-23	2.83E-05	-4.51E-23	
12	7.85E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	8.14E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	8.14E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	8.14E-05	4.02E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	8.14E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	8.14E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO17 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	6.49E-05	1.57E-20	-0.001663
-2.26E-22	-0.000192	-4.31E-21	
2	6.49E-05	7.96E-21	-0.001315
-2.26E-22	-0.000190	-4.29E-21	
3	6.49E-05	7.42E-21	-0.001291
-2.26E-22	-0.000190	-4.29E-21	
4	6.49E-05	6.67E-21	-0.001257
-2.26E-22	-0.000189	-4.29E-21	
5	6.49E-05	3.20E-21	-0.001008
-2.26E-22	-0.000158	-4.43E-21	
6	6.72E-05	-1.24E-21	-0.000878
-1.73E-22	-0.000121	-4.71E-21	
7	7.04E-05	-6.93E-21	-0.000764
-9.81E-23	-7.00E-05	-4.35E-21	
8	7.17E-05	-8.98E-21	-0.000736
-6.30E-23	-4.58E-05	-3.86E-21	
9	7.23E-05	-9.73E-21	-0.000728
-4.90E-23	-3.63E-05	-3.67E-21	
10	7.30E-05	-1.04E-20	-0.000723
-2.63E-23	-1.78E-05	-2.63E-21	
11	7.47E-05	-1.10E-20	-0.000725
3.05E-23	2.83E-05	-4.51E-23	
12	7.85E-05	-8.14E-21	-0.000817
1.47E-22	0.000119	4.07E-21	
13	8.14E-05	-3.20E-21	-0.000958
2.26E-22	0.000180	6.06E-21	
14	8.14E-05	2.63E-21	-0.001254
2.26E-22	0.000233	7.93E-21	
15	8.14E-05	4.02E-21	-0.001295
2.26E-22	0.000234	7.95E-21	
16	8.14E-05	5.01E-21	-0.001325
2.26E-22	0.000234	7.97E-21	
17	8.14E-05	1.95E-20	-0.001753
2.26E-22	0.000236	8.08E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO18 ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001922	1.55E-20	-0.000637
-2.86E-22	-5.44E-06	-3.94E-21	
2	0.001921	8.38E-21	-0.000625
-2.86E-22	-4.00E-06	-3.92E-21	
3	0.001921	7.89E-21	-0.000624
-2.86E-22	-3.72E-06	-3.93E-21	
4	0.001921	7.20E-21	-0.000623
-2.86E-22	-3.27E-06	-3.93E-21	
5	0.001919	4.05E-21	-0.000552
-2.86E-22	5.77E-06	-3.97E-21	
6	0.001921	1.70E-22	-0.000538
-2.20E-22	-3.76E-06	-4.04E-21	
7	0.001923	-4.83E-21	-0.000511
-1.24E-22	-2.43E-07	-4.11E-21	
8	0.001924	-6.85E-21	-0.000502
-7.99E-23	8.66E-06	-3.98E-21	
9	0.001924	-7.63E-21	-0.000500
-6.21E-23	1.35E-05	-3.89E-21	
10	0.001925	-8.35E-21	-0.000498
-3.33E-23	2.44E-05	-3.29E-21	
11	0.001926	-9.54E-21	-0.000504
3.86E-23	5.84E-05	-1.41E-21	
12	0.001929	-8.37E-21	-0.000600
1.87E-22	0.000156	2.94E-21	
13	0.001931	-4.05E-21	-0.000767
2.86E-22	0.000248	6.04E-21	
14	0.001933	1.71E-21	-0.001070
2.86E-22	0.000303	8.00E-21	
15	0.001933	3.11E-21	-0.001124
2.86E-22	0.000304	8.02E-21	
16	0.001933	4.12E-21	-0.001163
2.86E-22	0.000304	8.04E-21	
17	0.001933	1.87E-20	-0.001716
2.86E-22	0.000306	8.14E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB UEO18 ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.001922	1.55E-20	-0.000637
-2.86E-22	-5.44E-06	-3.94E-21	
2	0.001921	8.38E-21	-0.000625
-2.86E-22	-4.00E-06	-3.92E-21	
3	0.001921	7.89E-21	-0.000624
-2.86E-22	-3.72E-06	-3.93E-21	
4	0.001921	7.20E-21	-0.000623
-2.86E-22	-3.27E-06	-3.93E-21	
5	0.001919	4.05E-21	-0.000552
-2.86E-22	5.77E-06	-3.97E-21	
6	0.001921	1.70E-22	-0.000538
-2.20E-22	-3.76E-06	-4.04E-21	
7	0.001923	-4.83E-21	-0.000511
-1.24E-22	-2.43E-07	-4.11E-21	
8	0.001924	-6.85E-21	-0.000502
-7.99E-23	8.66E-06	-3.98E-21	
9	0.001924	-7.63E-21	-0.000500
-6.21E-23	1.35E-05	-3.89E-21	
10	0.001925	-8.35E-21	-0.000498
-3.33E-23	2.44E-05	-3.29E-21	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
11	0.001926	-9.54E-21	-0.000504
3.86E-23	5.84E-05	-1.41E-21	
12	0.001929	-8.37E-21	-0.000600
1.87E-22	0.000156	2.94E-21	
13	0.001931	-4.05E-21	-0.000767
2.86E-22	0.000248	6.04E-21	
14	0.001933	1.71E-21	-0.001070
2.86E-22	0.000303	8.00E-21	
15	0.001933	3.11E-21	-0.001124
2.86E-22	0.000304	8.02E-21	
16	0.001933	4.12E-21	-0.001163
2.86E-22	0.000304	8.04E-21	
17	0.001933	1.87E-20	-0.001716
2.86E-22	0.000306	8.14E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ENVBULT ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000100	2.21E-20	.000000
.000000	.000000	.000000	
2	0.000100	1.12E-20	.000000
.000000	.000000	.000000	
3	0.000100	1.04E-20	.000000
.000000	.000000	.000000	
4	0.000100	9.37E-21	.000000
.000000	.000000	.000000	
5	0.000100	4.49E-21	.000000
.000000	.000000	.000000	
6	0.000104	.000000	.000000
.000000	.000000	.000000	
7	0.000108	.000000	.000000
.000000	.000000	.000000	
8	0.000110	.000000	.000000
.000000	.000000	.000000	
9	0.000111	.000000	.000000
.000000	.000000	.000000	
10	0.000112	.000000	.000000
.000000	.000000	.000000	
11	0.000114	.000000	.000000
4.28E-23	4.17E-05	.000000	

12	0.000120	.000000	.000000
2.07E-22	0.000170	5.73E-21	
13	0.000124	.000000	.000000
3.17E-22	0.000255	8.52E-21	
14	0.000124	3.70E-21	.000000
3.17E-22	0.000329	1.11E-20	
15	0.000124	5.65E-21	.000000
3.17E-22	0.000330	1.12E-20	
16	0.000124	7.04E-21	.000000
3.17E-22	0.000330	1.12E-20	
17	0.000124	2.73E-20	.000000
3.17E-22	0.000333	1.13E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ENVBULT ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	.000000	.000000	-0.002306
-3.17E-22	-0.000266	-6.06E-21	
2	.000000	.000000	-0.001823
-3.17E-22	-0.000264	-6.03E-21	
3	.000000	.000000	-0.001790
-3.17E-22	-0.000264	-6.04E-21	
4	.000000	.000000	-0.001742
-3.17E-22	-0.000263	-6.04E-21	
5	.000000	.000000	-0.001396
-3.17E-22	-0.000220	-6.22E-21	
6	.000000	-1.76E-21	-0.001215
-2.43E-22	-0.000168	-6.62E-21	
7	.000000	-9.76E-21	-0.001056
-1.38E-22	-9.66E-05	-6.12E-21	
8	.000000	-1.26E-20	-0.001018
-8.85E-23	-6.27E-05	-5.43E-21	
9	.000000	-1.37E-20	-0.001007
-6.88E-23	-4.92E-05	-5.16E-21	
10	.000000	-1.46E-20	-0.001000
-3.69E-23	-2.32E-05	-3.70E-21	
11	.000000	-1.55E-20	-0.001004
.000000	.000000	-5.77E-23	
12	.000000	-1.14E-20	-0.001136
.000000	.000000	.000000	
13	.000000	-4.49E-21	-0.001337
.000000	.000000	.000000	
14	.000000	.000000	-0.001754
.000000	.000000	.000000	

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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
15	.000000	.000000	-0.001812
.000000	.000000	.000000	
16	.000000	.000000	-0.001854
.000000	.000000	.000000	
17	.000000	.000000	-0.002457
.000000	.000000	.000000	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ENVBECC ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000100	1.88E-20	.000000
.000000	.000000	.000000	
2	0.000100	9.51E-21	.000000
.000000	.000000	.000000	
3	0.000100	8.87E-21	.000000
.000000	.000000	.000000	
4	0.000100	7.97E-21	.000000
.000000	.000000	.000000	
5	0.000100	3.81E-21	.000000
.000000	.000000	.000000	
6	0.000102	.000000	.000000
.000000	.000000	.000000	
7	0.000106	.000000	.000000
.000000	.000000	.000000	
8	0.000108	.000000	.000000
.000000	.000000	.000000	
9	0.000108	.000000	.000000
.000000	.000000	.000000	
10	0.000109	.000000	.000000
.000000	.000000	.000000	
11	0.000111	.000000	.000000
3.63E-23	3.74E-05	.000000	
12	0.000116	.000000	.000000
1.75E-22	0.000146	4.88E-21	
13	0.000119	.000000	.000000
2.69E-22	0.000219	7.24E-21	
14	0.000119	3.14E-21	.000000
2.69E-22	0.000281	9.45E-21	
15	0.000119	4.80E-21	.000000
2.69E-22	0.000282	9.48E-21	
16	0.000119	5.98E-21	.000000
2.69E-22	0.000282	9.49E-21	
17	0.000119	2.32E-20	.000000
2.69E-22	0.000284	9.60E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ENVBECC ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	.000000	.000000	-0.001929
-2.69E-22	-0.000223	-5.15E-21	
2	.000000	.000000	-0.001525
-2.69E-22	-0.000221	-5.14E-21	
3	.000000	.000000	-0.001497
-2.69E-22	-0.000221	-5.14E-21	
4	.000000	.000000	-0.001457
-2.69E-22	-0.000221	-5.14E-21	
5	.000000	.000000	-0.001166
-2.69E-22	-0.000185	-5.30E-21	
6	.000000	-1.50E-21	-0.001014
-2.07E-22	-0.000141	-5.63E-21	
7	.000000	-8.31E-21	-0.000881
-1.17E-22	-8.03E-05	-5.20E-21	
8	.000000	-1.08E-20	-0.000849
-7.51E-23	-5.15E-05	-4.62E-21	
9	.000000	-1.17E-20	-0.000840
-5.84E-23	-4.00E-05	-4.39E-21	
10	.000000	-1.24E-20	-0.000834
-3.13E-23	-1.79E-05	-3.15E-21	
11	.000000	-1.32E-20	-0.000839
.000000	.000000	-4.44E-23	
12	.000000	-9.73E-21	-0.000953
.000000	.000000	.000000	
13	.000000	-3.81E-21	-0.001127
.000000	.000000	.000000	
14	.000000	.000000	-0.001483
.000000	.000000	.000000	
15	.000000	.000000	-0.001533
.000000	.000000	.000000	

16	.000000	.000000	-0.001568
.000000	.000000	.000000	
17	.000000	.000000	-0.002083
.000000	.000000	.000000	
18	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ENVOULT ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000104	2.21E-20	.000000
.000000	.000000	.000000	
2	0.000104	1.12E-20	.000000
.000000	.000000	.000000	
3	0.000104	1.04E-20	.000000
.000000	.000000	.000000	
4	0.000104	9.37E-21	.000000
.000000	.000000	.000000	
5	0.000104	4.49E-21	.000000
.000000	.000000	.000000	
6	0.000107	.000000	.000000
.000000	.000000	.000000	
7	0.000112	.000000	.000000
.000000	.000000	.000000	
8	0.000114	.000000	.000000
.000000	.000000	.000000	
9	0.000114	.000000	.000000
.000000	.000000	.000000	
10	0.000115	.000000	.000000
.000000	.000000	.000000	
11	0.000118	.000000	.000000
4.28E-23	4.17E-05	.000000	
12	0.000123	.000000	.000000
2.07E-22	0.000170	5.73E-21	
13	0.000127	.000000	.000000
3.17E-22	0.000255	8.52E-21	
14	0.000127	3.70E-21	.000000
3.17E-22	0.000329	1.11E-20	
15	0.000127	5.65E-21	.000000
3.17E-22	0.000330	1.12E-20	
16	0.000127	7.04E-21	.000000
3.17E-22	0.000330	1.12E-20	
17	0.000127	2.74E-20	.000000
3.17E-22	0.000333	1.13E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ENVOULT ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	.000000	.000000	-0.002306
-3.17E-22	-0.000266	-6.06E-21	
2	.000000	.000000	-0.001823
-3.17E-22	-0.000264	-6.04E-21	
3	.000000	.000000	-0.001789
-3.17E-22	-0.000264	-6.04E-21	
4	.000000	.000000	-0.001742
-3.17E-22	-0.000263	-6.04E-21	
5	.000000	.000000	-0.001396
-3.17E-22	-0.000220	-6.23E-21	
6	.000000	-1.76E-21	-0.001215
-2.43E-22	-0.000168	-6.62E-21	
7	.000000	-9.76E-21	-0.001056
-1.38E-22	-9.65E-05	-6.12E-21	
8	.000000	-1.26E-20	-0.001018
-8.85E-23	-6.26E-05	-5.43E-21	
9	.000000	-1.37E-20	-0.001007
-6.88E-23	-4.92E-05	-5.16E-21	
10	.000000	-1.46E-20	-0.001000
-3.69E-23	-2.32E-05	-3.70E-21	
11	.000000	-1.55E-20	-0.001004
.000000	.000000	-5.85E-23	
12	.000000	-1.14E-20	-0.001136
.000000	.000000	.000000	
13	.000000	-4.49E-21	-0.001337
.000000	.000000	.000000	
14	.000000	.000000	-0.001754
.000000	.000000	.000000	
15	.000000	.000000	-0.001812
.000000	.000000	.000000	
16	.000000	.000000	-0.001854
.000000	.000000	.000000	
17	.000000	.000000	-0.002457
.000000	.000000	.000000	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ENVOECC ---------- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000103	1.88E-20	.000000
.000000	.000000	.000000	
2	0.000103	9.51E-21	.000000
.000000	.000000	.000000	
3	0.000103	8.87E-21	.000000
.000000	.000000	.000000	
4	0.000103	7.97E-21	.000000
.000000	.000000	.000000	
5	0.000103	3.81E-21	.000000
.000000	.000000	.000000	
6	0.000106	.000000	.000000
.000000	.000000	.000000	
7	0.000110	.000000	.000000
.000000	.000000	.000000	
8	0.000111	.000000	.000000
.000000	.000000	.000000	
9	0.000112	.000000	.000000
.000000	.000000	.000000	
10	0.000113	.000000	.000000
.000000	.000000	.000000	
11	0.000115	.000000	.000000
3.63E-23	3.74E-05	.000000	
12	0.000119	.000000	.000000
1.76E-22	0.000146	4.88E-21	
13	0.000123	.000000	.000000
2.69E-22	0.000219	7.25E-21	
14	0.000123	3.14E-21	.000000
2.69E-22	0.000281	9.45E-21	
15	0.000123	4.80E-21	.000000
2.69E-22	0.000282	9.48E-21	
16	0.000123	5.99E-21	.000000
2.69E-22	0.000282	9.49E-21	
17	0.000123	2.32E-20	.000000
2.69E-22	0.000284	9.61E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

COMB ENVOECC ---------- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	.000000	.000000	-0.001929
-2.69E-22	-0.000223	-5.16E-21	
2	.000000	.000000	-0.001525
-2.69E-22	-0.000221	-5.14E-21	
3	.000000	.000000	-0.001497
-2.69E-22	-0.000221	-5.14E-21	
4	.000000	.000000	-0.001457
-2.69E-22	-0.000220	-5.14E-21	
5	.000000	.000000	-0.001166
-2.69E-22	-0.000184	-5.30E-21	
6	.000000	-1.50E-21	-0.001014
-2.07E-22	-0.000141	-5.63E-21	
7	.000000	-8.31E-21	-0.000881
-1.17E-22	-8.03E-05	-5.20E-21	
8	.000000	-1.08E-20	-0.000849
-7.52E-23	-5.15E-05	-4.62E-21	
9	.000000	-1.17E-20	-0.000840
-5.84E-23	-4.00E-05	-4.39E-21	
10	.000000	-1.24E-20	-0.000834
-3.14E-23	-1.79E-05	-3.15E-21	
11	.000000	-1.32E-20	-0.000839
.000000	.000000	-4.52E-23	
12	.000000	-9.73E-21	-0.000953
.000000	.000000	.000000	
13	.000000	-3.81E-21	-0.001127
.000000	.000000	.000000	
14	.000000	.000000	-0.001483
.000000	.000000	.000000	
15	.000000	.000000	-0.001533
.000000	.000000	.000000	
16	.000000	.000000	-0.001568
.000000	.000000	.000000	
17	.000000	.000000	-0.002083
.000000	.000000	.000000	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

LOAD D ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-4.98E-16	7809.334
2.91E-15	-1047.051	7.74E-15	
19	302.328660	4.98E-16	7185.928
-2.91E-15	1038.040	-1.06E-14	

LOAD L1 ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-95.664637	-1.59E-16	1772.072
9.32E-16	-354.630024	2.56E-15	
19	95.664637	1.59E-16	1887.468
-9.32E-16	305.147072	-3.49E-15	

LOAD W-LO ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-1.14E-17	-60.881314	7.28E-18
564.166401	-6.03E-17	6.949829	
19	1.14E-17	-57.515090	-7.28E-18
544.463035	1.81E-17	5.692359	

LOAD G-LO2 ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-4.75E-16	-287.431469	1.09E-16
3564.946	-1.96E-15	39.217459	
19	4.75E-16	-278.223531	-1.09E-16
3506.872	1.32E-15	0.683222	

LOAD E-LO ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-405.812432	-3.71E-16	-1087.314
2.17E-15	-2237.545	2.47E-15	
19	-347.194546	3.71E-16	1087.314
-2.17E-15	-2038.721	-4.62E-15	

LOAD WL ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-42.600712	-4.96E-17	-145.961940
2.90E-16	-245.887017	3.29E-16	
19	-35.399288	4.96E-17	145.961940
-2.90E-16	-221.053732	-6.16E-16	

LOAD G-TR ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	67.388843	-7.76E-17	2.564738
4.54E-16	377.933382	1.27E-15	
19	-67.388843	7.76E-17	-2.564738
-4.54E-16	-392.808866	-1.72E-15	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

LOAD E-TR ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	.000000	.000000	.000000
.000000	.000000	.000000	
19	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-4.960015	-1.93E-19	-0.568113
1.13E-18	-11.557506	1.28E-18	
19	-4.931985	1.93E-19	0.568113
-1.13E-18	-11.460850	-2.40E-18	

LOAD COL-TR ----------

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-12.545539	-6.27E-19	-1.846008
3.67E-18	-32.506487	4.15E-18	
19	-12.454461	6.27E-19	1.846008
-3.67E-18	-32.192416	-7.79E-18	

COMB SVB01 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-6.57E-16	9581.405
3.84E-15	-1401.681	1.03E-14	
19	397.993296	6.57E-16	9073.396
-3.84E-15	1343.188	-1.41E-14	

COMB SVB01 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-6.57E-16	9581.405
3.84E-15	-1401.681	1.03E-14	
19	397.993296	6.57E-16	9073.396
-3.84E-15	1343.188	-1.41E-14	

COMB SVB02 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-4.98E-16	7809.334
2.91E-15	-1047.051	7.74E-15	
19	302.328660	4.98E-16	7185.928
-2.91E-15	1038.040	-1.06E-14	

COMB SVB02 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-4.98E-16	7809.334
2.91E-15	-1047.051	7.74E-15	
19	302.328660	4.98E-16	7185.928
-2.91E-15	1038.040	-1.06E-14	

COMB SVB03 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-60.881314	7809.334
564.166401	-1047.051	6.949829	
19	302.328660	-57.515090	7185.928
544.463035	1038.040	5.692359	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB SVB03 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-60.881314	7809.334
564.166401	-1047.051	6.949829	
19	302.328660	-57.515090	7185.928
544.463035	1038.040	5.692359	

COMB SVB04 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-30.440657	9581.405
282.083200	-1401.681	3.474914	
19	397.993296	-28.757545	9073.396
272.231517	1343.188	2.846180	

COMB SVB04 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-30.440657	9581.405
282.083200	-1401.681	3.474914	
19	397.993296	-28.757545	9073.396
272.231517	1343.188	2.846180	

COMB SVB05 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-30.440657	7809.334
282.083200	-1047.051	3.474914	
19	302.328660	-28.757545	7185.928
272.231517	1038.040	2.846180	

COMB SVB05 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-30.440657	7809.334
282.083200	-1047.051	3.474914	
19	302.328660	-28.757545	7185.928
272.231517	1038.040	2.846180	

COMB SVB06 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-287.431469	9581.405
3564.946	-1401.681	39.217459	
19	397.993296	-278.223531	9073.396
3506.872	1343.188	0.683222	

COMB SVB06 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-287.431469	9581.405
3564.946	-1401.681	39.217459	
19	397.993296	-278.223531	9073.396
3506.872	1343.188	0.683222	

COMB SVB07 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-6.57E-16	9581.405
3.84E-15	-1401.681	1.03E-14	
19	397.993296	6.57E-16	9073.396
-3.84E-15	1343.188	-1.41E-14	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB SVB07 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-6.57E-16	9581.405
3.84E-15	-1401.681	1.03E-14	
19	397.993296	6.57E-16	9073.396
-3.84E-15	1343.188	-1.41E-14	

COMB SVB08 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-287.431469	7809.334
3564.946	-1047.051	39.217459	
19	302.328660	-278.223531	7185.928
3506.872	1038.040	0.683222	

COMB SVB08 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-287.431469	7809.334
3564.946	-1047.051	39.217459	
19	302.328660	-278.223531	7185.928
3506.872	1038.040	0.683222	

COMB SVB09 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-4.98E-16	7809.334
2.91E-15	-1047.051	7.74E-15	
19	302.328660	4.98E-16	7185.928
-2.91E-15	1038.040	-1.06E-14	

COMB SVB09 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-4.98E-16	7809.334
2.91E-15	-1047.051	7.74E-15	
19	302.328660	4.98E-16	7185.928
-2.91E-15	1038.040	-1.06E-14	

COMB SVB10 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-348.312783	7809.334
4129.112	-1047.051	46.167287	
19	302.328660	-335.738621	7185.928
4051.335	1038.040	6.375582	

COMB SVB10 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-348.312783	7809.334
4129.112	-1047.051	46.167287	
19	302.328660	-335.738621	7185.928
4051.335	1038.040	6.375582	

COMB SVB11 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-60.881314	7809.334
564.166401	-1047.051	6.949829	
19	302.328660	-57.515090	7185.928
544.463035	1038.040	5.692359	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB SVB11 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-60.881314	7809.334
564.166401	-1047.051	6.949829	
19	302.328660	-57.515090	7185.928
544.463035	1038.040	5.692359	

COMB SVB12 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-317.872126	9581.405
3847.029	-1401.681	42.692373	
19	397.993296	-306.981076	9073.396
3779.104	1343.188	3.529402	

COMB SVB12 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-317.872126	9581.405
3847.029	-1401.681	42.692373	
19	397.993296	-306.981076	9073.396
3779.104	1343.188	3.529402	

COMB SVB13 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-30.440657	9581.405
282.083200	-1401.681	3.474914	
19	397.993296	-28.757545	9073.396
272.231517	1343.188	2.846180	

COMB SVB13 ---------- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-397.993296	-30.440657	9581.405
282.083200	-1401.681	3.474914	
19	397.993296	-28.757545	9073.396
272.231517	1343.188	2.846180	

COMB SVB14 ---------- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18	-302.328660	-317.872126	7809.334

3847.029 -1047.051 42.692373
19 302.328660 -306.981076 7185.928
3779.104 1038.040 3.529402

COMB SVB14 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -317.872126 7809.334
3847.029 -1047.051 42.692373
19 302.328660 -306.981076 7185.928
3779.104 1038.040 3.529402

COMB SVB15 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -30.440657 7809.334
282.083200 -1047.051 3.474914
19 302.328660 -28.757545 7185.928
272.231517 1038.040 2.846180

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB SVB15 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -30.440657 7809.334
282.083200 -1047.051 3.474914
19 302.328660 -28.757545 7185.928
272.231517 1038.040 2.846180

COMB ULB01 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -598.706226 -9.89E-16 13962.087
5.79E-15 -2123.621 1.56E-14
19 598.706226 9.89E-16 13399.763
-5.79E-15 2005.519 -2.13E-14

COMB ULB01 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -598.706226 -9.89E-16 13962.087
5.79E-15 -2123.621 1.56E-14
19 598.706226 9.89E-16 13399.763
-5.79E-15 2005.519 -2.13E-14

COMB ULB02 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -6.47E-16 10152.134
3.79E-15 -1361.166 1.01E-14
19 393.027257 6.47E-16 9341.706
-3.79E-15 1349.453 -1.38E-14

COMB ULB02 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -6.47E-16 10152.134
3.79E-15 -1361.166 1.01E-14
19 393.027257 6.47E-16 9341.706
-3.79E-15 1349.453 -1.38E-14

COMB ULB03 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -79.145709 10152.134
733.416321 -1361.166 9.034777
19 393.027257 -74.769616 9341.706
707.801945 1349.453 7.400067

COMB ULB03 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -79.145709 10152.134
733.416321 -1361.166 9.034777
19 393.027257 -74.769616 9341.706
707.801945 1349.453 7.400067

COMB ULB04 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -39.572854 12455.827
366.708161 -1822.185 4.517389
19 517.391285 -37.384808 11795.415
353.900973 1746.144 3.700034

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB04 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -39.572854 12455.827
366.708161 -1822.185 4.517389
19 517.391285 -37.384808 11795.415
353.900973 1746.144 3.700034

COMB ULB05 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -39.572854 10152.134
366.708161 -1361.166 4.517389
19 393.027257 -37.384808 9341.706
353.900973 1349.453 3.700034

COMB ULB05 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -39.572854 10152.134
366.708161 -1361.166 4.517389
19 393.027257 -37.384808 9341.706
353.900973 1349.453 3.700034

COMB ULB06 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -373.660909 12455.827
4634.430 -1822.185 50.982696
19 517.391285 -361.690591 11795.415
4558.934 1746.144 0.888189

COMB ULB06 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -373.660909 12455.827
4634.430 -1822.185 50.982696
19 517.391285 -361.690591 11795.415
4558.934 1746.144 0.888189

COMB ULB07 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -8.54E-16 12455.827
5.00E-15 -1822.185 1.34E-14
19 517.391285 8.54E-16 11795.415
-5.00E-15 1746.144 -1.83E-14

COMB ULB07 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -8.54E-16 12455.827
5.00E-15 -1822.185 1.34E-14
19 517.391285 8.54E-16 11795.415
-5.00E-15 1746.144 -1.83E-14

COMB ULB08 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -373.660909 10152.134
4634.430 -1361.166 50.982696
19 393.027257 -361.690591 9341.706
4558.934 1349.453 0.888189

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB08 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -373.660909 10152.134
4634.430 -1361.166 50.982696
19 393.027257 -361.690591 9341.706
4558.934 1349.453 0.888189

COMB ULB09 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -6.47E-16 10152.134
3.79E-15 -1361.166 1.01E-14
19 393.027257 6.47E-16 9341.706
-3.79E-15 1349.453 -1.38E-14

COMB ULB09 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -393.027257 -6.47E-16 10152.134
3.79E-15 -1361.166 1.01E-14
19 393.027257 6.47E-16 9341.706
-3.79E-15 1349.453 -1.38E-14

COMB ULB10 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -435.390979 9761.667
5161.391 -1308.814 57.709109
19 377.910824 -419.673276 8982.410
5064.169 1297.551 7.969477

COMB ULB10 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -435.390979 9761.667
5161.391 -1308.814 57.709109
19 377.910824 -419.673276 8982.410
5064.169 1297.551 7.969477

COMB ULB11 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -76.101643 9761.667
705.208001 -1308.814 8.687286
19 377.910824 -71.893862 8982.410
680.578793 1297.551 7.115449

COMB ULB11 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -76.101643 9761.667
705.208001 -1308.814 8.687286
19 377.910824 -71.893862 8982.410
680.578793 1297.551 7.115449

COMB ULB12 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -497.491620 -397.340158 11976.756
4808.787 -1752.101 53.365466
19 497.491620 -383.726345 11341.745
4723.879 1678.984 4.411752

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB12 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -497.491620 -397.340158 11976.756
4808.787 -1752.101 53.365466
19 497.491620 -383.726345 11341.745
4723.879 1678.984 4.411752

COMB ULB13 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -497.491620 -38.050821 11976.756
352.604001 -1752.101 4.343643
19 497.491620 -35.946931 11341.745
340.289397 1678.984 3.557725

COMB ULB13 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -497.491620 -38.050821 11976.756
352.604001 -1752.101 4.343643
19 497.491620 -35.946931 11341.745
340.289397 1678.984 3.557725

COMB ULB14 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -397.340158 9761.667
4808.787 -1308.814 53.365466
19 377.910824 -383.726345 8982.410
4723.879 1297.551 4.411752

COMB ULB14 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -397.340158 9761.667
4808.787 -1308.814 53.365466
19 377.910824 -383.726345 8982.410
4723.879 1297.551 4.411752

COMB ULB15 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -38.050821 9761.667
352.604001 -1308.814 4.343643
19 377.910824 -35.946931 8982.410
340.289397 1297.551 3.557725

COMB ULB15 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -377.910824 -38.050821 9761.667
352.604001 -1308.814 4.343643
19 377.910824 -35.946931 8982.410
340.289397 1297.551 3.557725

COMB ULB16 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULB16 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

COMB ULB17 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -8.54E-16 12455.827
5.00E-15 -1822.185 1.34E-14
19 517.391285 8.54E-16 11795.415
-5.00E-15 1746.144 -1.83E-14

COMB ULB17 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -517.391285 -8.54E-16 12455.827
5.00E-15 -1822.185 1.34E-14
19 517.391285 8.54E-16 11795.415
-5.00E-15 1746.144 -1.83E-14

COMB ULB18 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -362.794391 -73.057577 9371.200
676.999681 -1256.461 8.339795
19 362.794391 -69.018108 8623.113
653.355642 1245.649 6.830831

COMB ULB18 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -362.794391 -73.057577 9371.200
676.999681 -1256.461 8.339795
19 362.794391 -69.018108 8623.113
653.355642 1245.649 6.830831

COMB UEB01 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -508.007629 -8.40E-16 11619.287
4.92E-15 -1809.506 1.33E-14
19 508.007629 8.40E-16 11243.985
-4.92E-15 1694.107 -1.81E-14

COMB UEB01 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -508.007629 -8.40E-16 11619.287
4.92E-15 -1809.506 1.33E-14
19 508.007629 8.40E-16 11243.985
-4.92E-15 1694.107 -1.81E-14

COMB UEB02 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEB02 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

COMB UEB03 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -79.145709 7809.334
733.416321 -1047.051 9.034777
19 302.328660 -74.769616 7185.928
707.801945 1038.040 7.400067

COMB UEB03 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -79.145709 7809.334
733.416321 -1047.051 9.034777
19 302.328660 -74.769616 7185.928
707.801945 1038.040 7.400067

COMB UEB04 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -39.572854 10113.027
366.708161 -1508.070 4.517389
19 426.692687 -37.384808 9639.637
353.900973 1434.732 3.700034

COMB UEB04 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -39.572854 10113.027
366.708161 -1508.070 4.517389
19 426.692687 -37.384808 9639.637
353.900973 1434.732 3.700034

COMB UEB05 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -39.572854 7809.334
366.708161 -1047.051 4.517389
19 302.328660 -37.384808 7185.928
353.900973 1038.040 3.700034

COMB UEB05 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -39.572854 7809.334
366.708161 -1047.051 4.517389
19 302.328660 -37.384808 7185.928
353.900973 1038.040 3.700034

COMB UEB06 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -373.660909 10113.027
4634.430 -1508.070 50.982696
19 426.692687 -361.690591 9639.637
4558.934 1434.732 0.888189

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEB06 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -373.660909 10113.027
4634.430 -1508.070 50.982696
19 426.692687 -361.690591 9639.637
4558.934 1434.732 0.888189

COMB UEB07 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -7.05E-16 10113.027
4.12E-15 -1508.070 1.11E-14
19 426.692687 7.05E-16 9639.637
-4.12E-15 1434.732 -1.52E-14

COMB UEB07 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -7.05E-16 10113.027
4.12E-15 -1508.070 1.11E-14
19 426.692687 7.05E-16 9639.637
-4.12E-15 1434.732 -1.52E-14

COMB UEB08 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -373.660909 7809.334
4634.430 -1047.051 50.982696
19 302.328660 -361.690591 7185.928
4558.934 1038.040 0.888189

COMB UEB08 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -373.660909 7809.334
4634.430 -1047.051 50.982696
19 302.328660 -361.690591 7185.928
4558.934 1038.040 0.888189

COMB UEB09 ---------- MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

COMB UEB09 ---------- MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

COMB UEB10 ---------- MAX

JOINT FX FY FZ

MX MY MZ
18 -287.212227 -435.390979 7418.867
5161.391 -994.698536 57.709109
19 287.212227 -419.673276 6826.631
5064.169 986.138429 7.969477
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEB10 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -287.212227 -435.390979 7418.867
5161.391 -994.698536 57.709109
19 287.212227 -419.673276 6826.631
5064.169 986.138429 7.969477

COMB UEB11 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -287.212227 -76.101643 7418.867
705.208001 -994.698536 8.687286
19 287.212227 -71.893862 6826.631
680.578793 986.138429 7.115449

COMB UEB11 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -287.212227 -76.101643 7418.867
705.208001 -994.698536 8.687286
19 287.212227 -71.893862 6826.631
680.578793 986.138429 7.115449

COMB UEB12 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -406.793023 -397.340158 9633.956
4808.787 -1437.986 53.365466
19 406.793023 -383.726345 9185.967
4723.879 1367.572 4.411752

COMB UEB12 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -406.793023 -397.340158 9633.956
4808.787 -1437.986 53.365466
19 406.793023 -383.726345 9185.967
4723.879 1367.572 4.411752

COMB UEB13 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -406.793023 -38.050821 9633.956
352.604001 -1437.986 4.343643
19 406.793023 -35.946931 9185.967
340.289397 1367.572 3.557725

COMB UEB13 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -406.793023 -38.050821 9633.956
352.604001 -1437.986 4.343643
19 406.793023 -35.946931 9185.967
340.289397 1367.572 3.557725

COMB UEB14 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -287.212227 -397.340158 7418.867
4808.787 -994.698536 53.365466
19 287.212227 -383.726345 6826.631
4723.879 986.138429 4.411752
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEB14 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -287.212227 -397.340158 7418.867
4808.787 -994.698536 53.365466
19 287.212227 -383.726345 6826.631
4723.879 986.138429 4.411752

COMB UEB15 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -287.212227 -38.050821 7418.867
352.604001 -994.698536 4.343643
19 287.212227 -35.946931 6826.631
340.289397 986.138429 3.557725

COMB UEB15 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -287.212227 -38.050821 7418.867
352.604001 -994.698536 4.343643
19 287.212227 -35.946931 6826.631
340.289397 986.138429 3.557725

COMB UEB16 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

COMB UEB16 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -302.328660 -4.98E-16 7809.334
2.91E-15 -1047.051 7.74E-15
19 302.328660 4.98E-16 7185.928
-2.91E-15 1038.040 -1.06E-14

COMB UEB17 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -7.05E-16 10113.027
4.12E-15 -1508.070 1.11E-14
19 426.692687 7.05E-16 9639.637
-4.12E-15 1434.732 -1.52E-14

COMB UEB17 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -426.692687 -7.05E-16 10113.027
4.12E-15 -1508.070 1.11E-14
19 426.692687 7.05E-16 9639.637
-4.12E-15 1434.732 -1.52E-14

COMB UEB18 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -272.095794 -73.057577 7028.400
676.999681 -942.345981 8.339795
19 272.095794 -69.018108 6467.335
653.355642 934.236406 6.830831
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEB18 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -272.095794 -73.057577 7028.400
676.999681 -942.345981 8.339795
19 272.095794 -69.018108 6467.335
653.355642 934.236406 6.830831

COMB SVO01 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -402.953311 -6.57E-16 9580.837
3.85E-15 -1413.239 1.03E-14
19 393.061311 6.57E-16 9073.964
-3.85E-15 1331.727 -1.41E-14

COMB SVO01 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -402.953311 -6.57E-16 9580.837
3.85E-15 -1413.239 1.03E-14
19 393.061311 6.57E-16 9073.964
-3.85E-15 1331.727 -1.41E-14

COMB SVO02 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -307.288674 -4.98E-16 7808.765
2.91E-15 -1058.609 7.74E-15
19 297.396674 4.98E-16 7186.496
-2.91E-15 1026.580 -1.06E-14

COMB SVO02 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -307.288674 -4.98E-16 7808.765
2.91E-15 -1058.609 7.74E-15
19 297.396674 4.98E-16 7186.496
-2.91E-15 1026.580 -1.06E-14

COMB SVO03 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -713.101107 -8.68E-16 6721.452
5.08E-15 -3296.153 1.02E-14
19 -49.797871 8.68E-16 8273.810
-5.08E-15 -1012.142 -1.52E-14

COMB SVO03 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -713.101107 -8.68E-16 6721.452
5.08E-15 -3296.153 1.02E-14
19 -49.797871 8.68E-16 8273.810
-5.08E-15 -1012.142 -1.52E-14

COMB SVO04 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -648.460239 -8.92E-16 8891.218
5.22E-15 -2777.898 1.19E-14
19 184.064750 8.92E-16 9763.583
-5.22E-15 91.312275 -1.70E-14
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB SVO04 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -648.460239 -8.92E-16 8891.218
5.22E-15 -2777.898 1.19E-14
19 184.064750 8.92E-16 9763.583
-5.22E-15 91.312275 -1.70E-14

COMB SVO05 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -552.795602 -7.33E-16 7119.147
4.29E-15 -2423.268 9.30E-15
19 88.400113 7.33E-16 7876.115
-4.29E-15 -213.834797 -1.35E-14

COMB SVO05 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -552.795602 -7.33E-16 7119.147
4.29E-15 -2423.268 9.30E-15
19 88.400113 7.33E-16 7876.115
-4.29E-15 -213.834797 -1.35E-14

COMB SVO06 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -335.564468 -7.35E-16 9583.402
4.30E-15 -1035.305 1.16E-14
19 325.672468 7.35E-16 9071.400
-4.30E-15 938.917808 -1.58E-14

COMB SVO06 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -335.564468 -7.35E-16 9583.402
4.30E-15 -1035.305 1.16E-14
19 325.672468 7.35E-16 9071.400
-4.30E-15 938.917808 -1.58E-14

COMB SVO07 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -402.953311 -6.57E-16 9580.837
3.85E-15 -1413.239 1.03E-14
19 393.061311 6.57E-16 9073.964
-3.85E-15 1331.727 -1.41E-14

COMB SVO07 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -402.953311 -6.57E-16 9580.837
3.85E-15 -1413.239 1.03E-14
19 393.061311 6.57E-16 9073.964
-3.85E-15 1331.727 -1.41E-14

COMB SVO08 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -239.899831 -5.75E-16 7811.330
3.37E-15 -680.675214 9.01E-15
19 230.007831 5.75E-16 7183.931
-3.37E-15 633.770736 -1.23E-14
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB SVO08 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -239.899831 -5.75E-16 7811.330
3.37E-15 -680.675214 9.01E-15
19 230.007831 5.75E-16 7183.931
-3.37E-15 633.770736 -1.23E-14

COMB SVO09 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -307.288674 -4.98E-16 7808.765
2.91E-15 -1058.609 7.74E-15
19 297.396674 4.98E-16 7186.496
-2.91E-15 1026.580 -1.06E-14

COMB SVO09 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -307.288674 -4.98E-16 7808.765
2.91E-15 -1058.609 7.74E-15
19 297.396674 4.98E-16 7186.496
-2.91E-15 1026.580 -1.06E-14

COMB SVO10 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -645.712263 -9.46E-16 6724.016
5.54E-15 -2918.220 1.15E-14
19 -117.186715 9.46E-16 8271.245
-5.54E-15 -1404.951 -1.70E-14

COMB SVO10 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -645.712263 -9.46E-16 6724.016
5.54E-15 -2918.220 1.15E-14
19 -117.186715 9.46E-16 8271.245
-5.54E-15 -1404.951 -1.70E-14

COMB SVO11 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -713.101107 -8.68E-16 6721.452
5.08E-15 -3296.153 1.02E-14
19 -49.797871 8.68E-16 8273.810
-5.08E-15 -1012.142 -1.52E-14

COMB SVO11 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -713.101107 -8.68E-16 6721.452
5.08E-15 -3296.153 1.02E-14
19 -49.797871 8.68E-16 8273.810
-5.08E-15 -1012.142 -1.52E-14

COMB SVO12 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -581.071396 -9.70E-16 8893.783
5.68E-15 -2399.965 1.31E-14
19 116.675907 9.70E-16 9761.018
-5.68E-15 -301.496590 -1.88E-14
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB SVO12 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -581.071396 -9.70E-16 8893.783
5.68E-15 -2399.965 1.31E-14
19 116.675907 9.70E-16 9761.018
-5.68E-15 -301.496590 -1.88E-14

COMB SVO13 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -648.460239 -8.92E-16 8891.218
5.22E-15 -2777.898 1.19E-14
19 184.064750 8.92E-16 9763.583
-5.22E-15 91.312275 -1.70E-14

COMB SVO13 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -648.460239 -8.92E-16 8891.218
5.22E-15 -2777.898 1.19E-14
19 184.064750 8.92E-16 9763.583
-5.22E-15 91.312275 -1.70E-14

COMB SVO14 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -485.406759 -8.10E-16 7121.711
4.74E-15 -2045.335 1.06E-14
19 21.011270 8.10E-16 7873.550
-4.74E-15 -606.643662 -1.53E-14

COMB SVO14 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -485.406759 -8.10E-16 7121.711
4.74E-15 -2045.335 1.06E-14
19 21.011270 8.10E-16 7873.550
-4.74E-15 -606.643662 -1.53E-14

COMB SVO15 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -552.795602 -7.33E-16 7119.147
4.29E-15 -2423.268 9.30E-15
19 88.400113 7.33E-16 7876.115
-4.29E-15 -213.834797 -1.35E-14

COMB SVO15 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -552.795602 -7.33E-16 7119.147
4.29E-15 -2423.268 9.30E-15
19 88.400113 7.33E-16 7876.115
-4.29E-15 -213.834797 -1.35E-14

COMB ULO01 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -605.154246 -9.90E-16 13961.349
5.79E-15 -2138.646 1.56E-14
19 592.294646 9.90E-16 13400.502
-5.79E-15 1990.620 -2.13E-14
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULO01 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -605.154246 -9.90E-16 13961.349
5.79E-15 -2138.646 1.56E-14
19 592.294646 9.90E-16 13400.502
-5.79E-15 1990.620 -2.13E-14

COMB ULO02 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -399.475276 -6.47E-16 10151.395
3.79E-15 -1376.191 1.01E-14
19 386.615676 6.47E-16 9342.445
-3.79E-15 1334.553 -1.38E-14

COMB ULO02 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -399.475276 -6.47E-16 10151.395
3.79E-15 -1376.191 1.01E-14
19 386.615676 6.47E-16 9342.445
-3.79E-15 1334.553 -1.38E-14

COMB ULO03 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -927.031439 -1.13E-15 8737.887
6.61E-15 -4284.999 1.33E-14
19 -64.737233 1.13E-15 10755.953
-6.61E-15 -1315.784 -1.98E-14

COMB ULO03 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -927.031439 -1.13E-15 8737.887
6.61E-15 -4284.999 1.33E-14
19 -64.737233 1.13E-15 10755.953
-6.61E-15 -1315.784 -1.98E-14

COMB ULO04 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -842.998311 -1.16E-15 11558.584
6.79E-15 -3611.267 1.54E-14
19 239.284175 1.16E-15 12692.658
-6.79E-15 118.705958 -2.22E-14

COMB ULO04 ------------------ MIN

JOINT FX FY FZ
MX MY MZ
18 -842.998311 -1.16E-15 11558.584
6.79E-15 -3611.267 1.54E-14
19 239.284175 1.16E-15 12692.658
-6.79E-15 118.705958 -2.22E-14

COMB ULO05 ------------------ MAX

JOINT FX FY FZ
MX MY MZ
18 -718.634283 -9.53E-16 9254.891
5.58E-15 -3150.248 1.21E-14
19 114.920147 9.53E-16 10238.949
-5.58E-15 -277.985236 -1.76E-14
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS,

IN GLOBAL COORDINATES

COMB ULO05 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-718.634283	-9.53E-16	9254.891
5.58E-15	-3150.248	1.21E-14	
19	114.920147	9.53E-16	10238.949
-5.58E-15	-277.985236	-1.76E-14	

COMB ULO06 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-436.233808	-9.55E-16	12458.422
5.59E-15	-1345.897	1.50E-14	
19	423.374208	9.55E-16	11792.820
-5.59E-15	1220.593	-2.06E-14	

COMB ULO06 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-436.233808	-9.55E-16	12458.422
5.59E-15	-1345.897	1.50E-14	
19	423.374208	9.55E-16	11792.820
-5.59E-15	1220.593	-2.06E-14	

COMB ULO07 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-523.839304	-8.54E-16	12455.088
5.00E-15	-1837.210	1.34E-14	
19	510.979704	8.54E-16	11796.154
-5.00E-15	1731.245	-1.83E-14	

COMB ULO07 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-523.839304	-8.54E-16	12455.088
5.00E-15	-1837.210	1.34E-14	
19	510.979704	8.54E-16	11796.154
-5.00E-15	1731.245	-1.83E-14	

COMB ULO08 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-311.869780	-7.48E-16	10154.729
4.38E-15	-884.877778	1.17E-14	
19	299.010180	7.48E-16	9339.111
-4.38E-15	823.901957	-1.60E-14	

COMB ULO08 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-311.869780	-7.48E-16	10154.729
4.38E-15	-884.877778	1.17E-14	
19	299.010180	7.48E-16	9339.111
-4.38E-15	823.901957	-1.60E-14	

COMB ULO09 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-399.475276	-6.47E-16	10151.395
3.79E-15	-1376.191	1.01E-14	
19	386.615676	6.47E-16	9342.445
-3.79E-15	1334.553	-1.38E-14	

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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULO09 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-399.475276	-6.47E-16	10151.395
3.79E-15	-1376.191	1.01E-14	
19	386.615676	6.47E-16	9342.445
-3.79E-15	1334.553	-1.38E-14	

COMB ULO10 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-807.140329	-1.18E-15	8405.021
6.92E-15	-3647.775	1.43E-14	
19	-146.483393	1.18E-15	10339.056
-6.92E-15	-1756.188	-2.12E-14	

COMB ULO10 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-807.140329	-1.18E-15	8405.021
6.92E-15	-3647.775	1.43E-14	
19	-146.483393	1.18E-15	10339.056
-6.92E-15	-1756.188	-2.12E-14	

COMB ULO11 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-891.376383	-1.09E-15	8401.815
6.35E-15	-4120.192	1.28E-14	
19	-62.247339	1.09E-15	10342.262
-6.35E-15	-1265.177	-1.91E-14	

COMB ULO11 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-891.376383	-1.09E-15	8401.815
6.35E-15	-4120.192	1.28E-14	
19	-62.247339	1.09E-15	10342.262
-6.35E-15	-1265.177	-1.91E-14	

COMB ULO12 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-726.339245	-1.21E-15	11117.229
7.09E-15	-2999.956	1.64E-14	
19	145.844883	1.21E-15	12201.273
-7.09E-15	-376.870738	-2.34E-14	

COMB ULO12 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-726.339245	-1.21E-15	11117.229
7.09E-15	-2999.956	1.64E-14	
19	145.844883	1.21E-15	12201.273
-7.09E-15	-376.870738	-2.34E-14	

COMB ULO13 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-810.575299	-1.11E-15	11114.023
6.53E-15	-3472.372	1.48E-14	
19	230.080938	1.11E-15	12204.479
-6.53E-15	114.140344	-2.13E-14	

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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULO13 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-810.575299	-1.11E-15	11114.023
6.53E-15	-3472.372	1.48E-14	
19	230.080938	1.11E-15	12204.479
-6.53E-15	114.140344	-2.13E-14	

COMB ULO14 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-606.758449	-1.01E-15	8902.139
5.93E-15	-2556.668	1.32E-14	
19	26.264087	1.01E-15	9841.938
-5.93E-15	-758.304578	-1.91E-14	

COMB ULO14 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-606.758449	-1.01E-15	8902.139
5.93E-15	-2556.668	1.32E-14	
19	26.264087	1.01E-15	9841.938
-5.93E-15	-758.304578	-1.91E-14	

COMB ULO15 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-690.994503	-9.16E-16	8898.933
5.36E-15	-3029.085	1.16E-14	
19	110.500142	9.16E-16	9845.143
-5.36E-15	-267.293496	-1.69E-14	

COMB ULO15 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-690.994503	-9.16E-16	8898.933
5.36E-15	-3029.085	1.16E-14	
19	110.500142	9.16E-16	9845.143
-5.36E-15	-267.293496	-1.69E-14	

COMB ULO16 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-307.288674	-4.98E-16	7808.765
2.91E-15	-1058.609	7.74E-15	
19	297.396674	4.98E-16	7186.496
-2.91E-15	1026.580	-1.06E-14	

COMB ULO16 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-307.288674	-4.98E-16	7808.765
2.91E-15	-1058.609	7.74E-15	
19	297.396674	4.98E-16	7186.496
-2.91E-15	1026.580	-1.06E-14	

COMB ULO17 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-523.839304	-8.54E-16	12455.088
5.00E-15	-1837.210	1.34E-14	
19	510.979704	8.54E-16	11796.154
-5.00E-15	1731.245	-1.83E-14	

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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ULO17 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-523.839304	-8.54E-16	12455.088
5.00E-15	-1837.210	1.34E-14	
19	510.979704	8.54E-16	11796.154
-5.00E-15	1731.245	-1.83E-14	

COMB ULO18 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-855.721328	-1.04E-15	8065.742
6.10E-15	-3955.384	1.22E-14	
19	-59.757446	1.04E-15	9928.572
-6.10E-15	-1214.570	-1.83E-14	

COMB ULO18 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-855.721328	-1.04E-15	8065.742
6.10E-15	-3955.384	1.22E-14	
19	-59.757446	1.04E-15	9928.572
-6.10E-15	-1214.570	-1.83E-14	

COMB UEO01 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-514.455648	-8.40E-16	11618.549
4.92E-15	-1824.530	1.33E-14	
19	501.596048	8.40E-16	11244.724
-4.92E-15	1679.208	-1.81E-14	

COMB UEO01 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-514.455648	-8.40E-16	11618.549
4.92E-15	-1824.530	1.33E-14	
19	501.596048	8.40E-16	11244.724
-4.92E-15	1679.208	-1.81E-14	

COMB UEO02 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-308.776679	-4.98E-16	7808.595
2.91E-15	-1062.076	7.74E-15	
19	295.917079	4.98E-16	7186.666
-2.91E-15	1023.141	-1.06E-14	

COMB UEO02 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-308.776679	-4.98E-16	7808.595
2.91E-15	-1062.076	7.74E-15	
19	295.917079	4.98E-16	7186.666
-2.91E-15	1023.141	-1.06E-14	

COMB UEO03 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-836.332841	-9.80E-16	6395.087
5.73E-15	-3970.884	1.09E-14	
19	-155.435831	9.80E-16	8600.174
-5.73E-15	-1627.196	-1.66E-14	

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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEO03 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-836.332841	-9.80E-16	6395.087
5.73E-15	-3970.884	1.09E-14	
19	-155.435831	9.80E-16	8600.174
-5.73E-15	-1627.196	-1.66E-14	

COMB UEO04 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-752.299713	-1.01E-15	9215.784
5.91E-15	-3297.152	1.31E-14	
19	148.585577	1.01E-15	10536.880
-5.91E-15	-192.706178	-1.90E-14	

COMB UEO04 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-752.299713	-1.01E-15	9215.784
5.91E-15	-3297.152	1.31E-14	
19	148.585577	1.01E-15	10536.880
-5.91E-15	-192.706178	-1.90E-14	

COMB UEO05 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-627.935685	-8.03E-16	6912.091
4.70E-15	-2836.133	9.77E-15	
19	24.221549	8.03E-16	8083.171
-4.70E-15	-589.397371	-1.44E-14	

COMB UEO05 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-627.935685	-8.03E-16	6912.091
4.70E-15	-2836.133	9.77E-15	
19	24.221549	8.03E-16	8083.171
-4.70E-15	-589.397371	-1.44E-14	

COMB UEO06 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-345.535210	-8.06E-16	10115.622
4.72E-15	-1031.781	1.27E-14	
19	332.675610	8.06E-16	9637.041
-4.72E-15	909.181015	-1.74E-14	

COMB UEO06 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-345.535210	-8.06E-16	10115.622
4.72E-15	-1031.781	1.27E-14	
19	332.675610	8.06E-16	9637.041
-4.72E-15	909.181015	-1.74E-14	

COMB UEO07 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-433.140706	-7.05E-16	10112.288
4.13E-15	-1523.095	1.11E-14	
19	420.281106	7.05E-16	9640.375
-4.13E-15	1419.833	-1.52E-14	

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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEO07 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-433.140706	-7.05E-16	10112.288
4.13E-15	-1523.095	1.11E-14	
19	420.281106	7.05E-16	9640.375
-4.13E-15	1419.833	-1.52E-14	

COMB UEO08 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-221.171182	-5.99E-16	7811.929
3.50E-15	-570.762451	9.39E-15	
19	208.311582	5.99E-16	7183.332
-3.50E-15	512.489821	-1.29E-14	

COMB UEO08 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-221.171182	-5.99E-16	7811.929
3.50E-15	-570.762451	9.39E-15	
19	208.311582	5.99E-16	7183.332
-3.50E-15	512.489821	-1.29E-14	

COMB UEO09 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-308.776679	-4.98E-16	7808.595
2.91E-15	-1062.076	7.74E-15	
19	295.917079	4.98E-16	7186.666
-2.91E-15	1023.141	-1.06E-14	

COMB UEO09 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-308.776679	-4.98E-16	7808.595
2.91E-15	-1062.076	7.74E-15	
19	295.917079	4.98E-16	7186.666
-2.91E-15	1023.141	-1.06E-14	

COMB UEO10 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-716.441731	-1.03E-15	6062.220
6.05E-15	-3333.660	1.20E-14	
19	-237.181991	1.03E-15	8183.278
-6.05E-15	-2067.600	-1.80E-14	

COMB UEO10 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-716.441731	-1.03E-15	6062.220
6.05E-15	-3333.660	1.20E-14	
19	-237.181991	1.03E-15	8183.278
-6.05E-15	-2067.600	-1.80E-14	

COMB UEO11 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-800.677785	-9.36E-16	6059.015
5.48E-15	-3806.076	1.04E-14	
19	-152.945937	9.36E-16	8186.484
-5.48E-15	-1576.589	-1.59E-14	

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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEO11 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-800.677785	-9.36E-16	6059.015
5.48E-15	-3806.076	1.04E-14	
19	-152.945937	9.36E-16	8186.484
-5.48E-15	-1576.589	-1.59E-14	

COMB UEO12 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-635.640647	-1.06E-15	8774.429
6.22E-15	-2685.840	1.41E-14	
19	55.146285	1.06E-15	10045.495
-6.22E-15	-688.282873	-2.03E-14	

COMB UEO12 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-635.640647	-1.06E-15	8774.429
6.22E-15	-2685.840	1.41E-14	
19	55.146285	1.06E-15	10045.495
-6.22E-15	-688.282873	-2.03E-14	

COMB UEO13 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-719.876701	-9.66E-16	8771.223
5.65E-15	-3158.257	1.25E-14	
19	139.382340	9.66E-16	10048.701
-5.65E-15	-197.271791	-1.81E-14	

COMB UEO13 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-719.876701	-9.66E-16	8771.223
5.65E-15	-3158.257	1.25E-14	
19	139.382340	9.66E-16	10048.701
-5.65E-15	-197.271791	-1.81E-14	

COMB UEO14 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-516.059851	-8.64E-16	6559.339
5.06E-15	-2242.553	1.09E-14	
19	-64.434511	8.64E-16	7686.159
-5.06E-15	-1069.717	-1.59E-14	

COMB UEO14 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-516.059851	-8.64E-16	6559.339
5.06E-15	-2242.553	1.09E-14	
19	-64.434511	8.64E-16	7686.159
-5.06E-15	-1069.717	-1.59E-14	

COMB UEO15 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-600.295905	-7.67E-16	6556.133
4.49E-15	-2714.970	9.30E-15	
19	19.801544	7.67E-16	7689.365
-4.49E-15	-578.705631	-1.38E-14	

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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB UEO15 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-600.295905	-7.67E-16	6556.133
4.49E-15	-2714.970	9.30E-15	
19	19.801544	7.67E-16	7689.365
-4.49E-15	-578.705631	-1.38E-14	

COMB UEO16 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-307.288674	-4.98E-16	7808.765

2.91E-15 -1058.609 7.74E-15
19 297.396674 4.98E-16 7186.496
-2.91E-15 1026.580 -1.06E-14

COMB UEO16 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-307.288674	-4.98E-16	7808.765
2.91E-15	-1058.609	7.74E-15	
19	297.396674	4.98E-16	7186.496
-2.91E-15	1026.580	-1.06E-14	

COMB UEO17 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-433.140706	-7.05E-16	10112.288
4.13E-15	-1523.095	1.11E-14	
19	420.281106	7.05E-16	9640.375
-4.13E-15	1419.833	-1.52E-14	

COMB UEO17 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-433.140706	-7.05E-16	10112.288
4.13E-15	-1523.095	1.11E-14	
19	420.281106	7.05E-16	9640.375
-4.13E-15	1419.833	-1.52E-14	

COMB UEO18 ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-765.022730	-8.93E-16	5722.942
5.23E-15	-3641.269	9.92E-15	
19	-150.456043	8.93E-16	7772.793
-5.23E-15	-1525.982	-1.51E-14	

COMB UEO18 ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-765.022730	-8.93E-16	5722.942
5.23E-15	-3641.269	9.92E-15	
19	-150.456043	8.93E-16	7772.793
-5.23E-15	-1525.982	-1.51E-14	

COMB ENVBULT ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	.000000	.000000	13962.087
5.79E-15	.000000	1.56E-14	
19	598.706226	9.89E-16	13399.763
.000000	2005.519	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES

COMB ENVBULT ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-598.706226	-9.89E-16	.000000
.000000	-2123.621	.000000	
19	.000000	.000000	.000000
-5.79E-15	.000000	-2.13E-14	

COMB ENVBECC ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	.000000	.000000	11619.287
4.92E-15	.000000	1.33E-14	
19	508.007629	8.40E-16	11243.985
.000000	1694.107	.000000	

COMB ENVBECC ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-508.007629	-8.40E-16	.000000
.000000	-1809.506	.000000	
19	.000000	.000000	.000000
-4.92E-15	.000000	-1.81E-14	

COMB ENVOULT ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	.000000	.000000	13961.349
5.79E-15	.000000	1.56E-14	
19	592.294646	9.90E-16	13400.502
.000000	1990.620	.000000	

COMB ENVOULT ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-605.154246	-9.90E-16	.000000
.000000	-2138.646	.000000	
19	.000000	.000000	.000000
-5.79E-15	.000000	-2.13E-14	

COMB ENVOECC ---------- MAX

JOINT	FX	FY	FZ
	MX	MY	MZ
18	.000000	.000000	11618.549
4.92E-15	.000000	1.33E-14	
19	501.596048	8.40E-16	11244.724
.000000	1679.208	.000000	

COMB ENVOECC ---------- MIN

JOINT	FX	FY	FZ
	MX	MY	MZ
18	-514.455648	-8.40E-16	.000000
.000000	-1824.530	.000000	
19	.000000	.000000	.000000
-4.92E-15	.000000	-1.81E-14	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD D ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

LOAD L1 ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	.000000	-3659.540
.000000	21609.466	.000000	
REACTNS	1.76E-12	-2.43E-27	3659.540
2.71E-26	-21609.466	-1.12E-26	
TOTAL	1.76E-12	-2.43E-27	3.09E-11
2.71E-26	-1.89E-10	-1.12E-26	

LOAD W-LO ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	118.396404	-4.45E-31
-1108.629	1.85E-30	664.294903	
REACTNS	1.27E-30	-118.396404	6.50E-27
1108.629	-2.34E-26	-664.294903	
TOTAL	1.27E-30	3.24E-11	6.50E-27
-3.65E-10	-2.34E-26	3.22E-10	

LOAD G-LO2 ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	565.655000	.000000
-7071.818	.000000	3214.195	
REACTNS	1.99E-29	-565.655000	4.65E-26
7071.818	-1.68E-25	-3214.195	
TOTAL	1.99E-29	2.35E-10	4.65E-26
-2.65E-09	-1.68E-25	2.34E-09	

LOAD E-LO ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	.000000	.000000	.000000
.000000	.000000	.000000	
TOTAL	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	753.006978	.000000	.000000
.000000	10582.686	.000000	
REACTNS	-753.006978	1.04E-27	1.82E-12
-1.16E-26	-10582.686	3.59E-27	
TOTAL	4.41E-11	1.04E-27	1.82E-12
-1.16E-26	4.17E-10	3.59E-27	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

LOAD WL ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	78.000000	.000000	.000000
.000000	1313.520	.000000	
REACTNS	-78.000000	1.42E-28	2.84E-13
-1.58E-27	-1313.520	5.22E-28	
TOTAL	5.20E-12	1.42E-28	2.84E-13
-1.58E-27	4.75E-11	5.22E-28	

LOAD G-TR ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	.000000	.000000
.000000	-4.48E-12	.000000	
REACTNS	1.09E-10	-1.79E-28	2.65E-12
2.00E-27	1.19E-09	-1.34E-27	
TOTAL	1.09E-10	-1.79E-28	2.65E-12
2.00E-27	1.18E-09	-1.34E-27	

LOAD E-TR ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	.000000	.000000
.000000	.000000	.000000	
REACTNS	.000000	.000000	.000000
.000000	.000000	.000000	
TOTAL	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	.000000	.000000
.000000	26.313412	.000000	
REACTNS	-9.892000	5.29E-31	9.99E-16
-5.89E-30	-26.313412	1.54E-30	
TOTAL	7.82E-14	5.29E-31	9.99E-16
-5.89E-30	8.24E-13	1.54E-30	

LOAD COL-TR ----------

	FX	FY	FZ
	MX	MY	MZ
APPLIED	25.000000	.000000	.000000
.000000	75.405750	.000000	
REACTNS	-25.000000	1.72E-30	1.78E-15
-1.91E-29	-75.405750	4.99E-30	
TOTAL	2.42E-13	1.72E-30	1.78E-15
-1.91E-29	2.60E-12	4.99E-30	

COMB SVB01 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-18654.801
-5.00E-29	106783.116	-5.24E-30	
REACTNS	3.41E-12	-1.18E-26	18654.801
1.31E-25	-106783.116	-5.21E-26	
TOTAL	3.41E-12	-1.18E-26	1.46E-10
1.31E-25	-9.17E-10	-5.21E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVB01 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-18654.801
-5.00E-29	106783.116	-5.24E-30	
REACTNS	3.41E-12	-1.18E-26	18654.801
1.31E-25	-106783.116	-5.21E-26	
TOTAL	3.41E-12	-1.18E-26	1.46E-10
1.31E-25	-9.17E-10	-5.21E-26	

COMB SVB02 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB SVB02 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB SVB03 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	118.396404	-14995.261
-1108.629	85173.650	664.294903	
REACTNS	1.65E-12	-118.396404	14995.261
1108.629	-85173.650	-664.294903	
TOTAL	1.65E-12	3.24E-11	1.15E-10
-3.65E-10	-7.28E-10	3.22E-10	

COMB SVB03 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	118.396404	-14995.261
-1108.629	85173.650	664.294903	
REACTNS	1.65E-12	-118.396404	14995.261
1108.629	-85173.650	-664.294903	
TOTAL	1.65E-12	3.24E-11	1.15E-10
-3.65E-10	-7.28E-10	3.22E-10	

COMB SVB04 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	59.198202	-18654.801
-554.314718	106783.116	332.147452	
REACTNS	3.41E-12	-59.198202	18654.801
554.314718	-106783.116	-332.147452	
TOTAL	3.41E-12	1.62E-11	1.46E-10
-1.83E-10	-9.17E-10	1.61E-10	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVB04 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	59.198202	-18654.801
-554.314718	106783.116	332.147452	
REACTNS	3.41E-12	-59.198202	18654.801
554.314718	-106783.116	-332.147452	
TOTAL	3.41E-12	1.62E-11	1.46E-10
-1.83E-10	-9.17E-10	1.61E-10	

COMB SVB05 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	59.198202	-14995.261
-554.314718	85173.650	332.147452	
REACTNS	1.65E-12	-59.198202	14995.261
554.314718	-85173.650	-332.147452	
TOTAL	1.65E-12	1.62E-11	1.15E-10
-1.83E-10	-7.28E-10	1.61E-10	

COMB SVB05 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	59.198202	-14995.261
-554.314718	85173.650	332.147452	
REACTNS	1.65E-12	-59.198202	14995.261
554.314718	-85173.650	-332.147452	
TOTAL	1.65E-12	1.62E-11	1.15E-10
-1.83E-10	-7.28E-10	1.61E-10	

COMB SVB06 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	565.655000	-18654.801
-7071.818	106783.116	3214.195	
REACTNS	3.41E-12	-565.655000	18654.801
7071.818	-106783.116	-3214.195	
TOTAL	3.41E-12	2.35E-10	1.46E-10
-2.65E-09	-9.17E-10	2.34E-09	

COMB SVB06 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	565.655000	-18654.801
-7071.818	106783.116	3214.195	
REACTNS	3.41E-12	-565.655000	18654.801
7071.818	-106783.116	-3214.195	
TOTAL	3.41E-12	2.35E-10	1.46E-10
-2.65E-09	-9.17E-10	2.34E-09	

COMB SVB07 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-18654.801
-5.00E-29	106783.116	-5.24E-30	
REACTNS	3.41E-12	-1.18E-26	18654.801
1.31E-25	-106783.116	-5.21E-26	
TOTAL	3.41E-12	-1.18E-26	1.46E-10
1.31E-25	-9.17E-10	-5.21E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVB07 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-18654.801
-5.00E-29	106783.116	-5.24E-30	
REACTNS	3.41E-12	-1.18E-26	18654.801
1.31E-25	-106783.116	-5.21E-26	
TOTAL	3.41E-12	-1.18E-26	1.46E-10
1.31E-25	-9.17E-10	-5.21E-26	

COMB SVB08 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	565.655000	-14995.261
-7071.818	85173.650	3214.195	
REACTNS	1.65E-12	-565.655000	14995.261
7071.818	-85173.650	-3214.195	
TOTAL	1.65E-12	2.35E-10	1.15E-10
-2.65E-09	-7.28E-10	2.34E-09	

COMB SVB08 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	565.655000	-14995.261
-7071.818	85173.650	3214.195	
REACTNS	1.65E-12	-565.655000	14995.261
7071.818	-85173.650	-3214.195	
TOTAL	1.65E-12	2.35E-10	1.15E-10
-2.65E-09	-7.28E-10	2.34E-09	

COMB SVB09 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB SVB09 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB SVB10 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	684.051404	-14995.261
-8180.448	85173.650	3878.490	
REACTNS	1.65E-12	-684.051404	14995.261
8180.448	-85173.650	-3878.490	
TOTAL	1.65E-12	2.67E-10	1.15E-10
-3.02E-09	-7.28E-10	2.66E-09	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVB10 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	684.051404	-14995.261
-8180.448	85173.650	3878.490	
REACTNS	1.65E-12	-684.051404	14995.261
8180.448	-85173.650	-3878.490	
TOTAL	1.65E-12	2.67E-10	1.15E-10
-3.02E-09	-7.28E-10	2.66E-09	

COMB SVB11 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	118.396404	-14995.261
-1108.629	85173.650	664.294903	
REACTNS	1.65E-12	-118.396404	14995.261
1108.629	-85173.650	-664.294903	
TOTAL	1.65E-12	3.24E-11	1.15E-10
-3.65E-10	-7.28E-10	3.22E-10	

COMB SVB11 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	118.396404	-14995.261
-1108.629	85173.650	664.294903	
REACTNS	1.65E-12	-118.396404	14995.261
1108.629	-85173.650	-664.294903	
TOTAL	1.65E-12	3.24E-11	1.15E-10
-3.65E-10	-7.28E-10	3.22E-10	

COMB SVB12 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	624.853202	-18654.801
-7626.133	106783.116	3546.343	
REACTNS	3.41E-12	-624.853202	18654.801
7626.133	-106783.116	-3546.343	

TOTAL	3.41E-12	2.51E-10	1.46E-10
-2.84E-09	-9.17E-10	2.50E-09	

COMB SVB12 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	624.853202	-18654.801
-7626.133	106783.116	3546.343	
REACTNS	3.41E-12	-624.853202	18654.801
7626.133	-106783.116	-3546.343	

TOTAL	3.41E-12	2.51E-10	1.46E-10
-2.84E-09	-9.17E-10	2.50E-09	

COMB SVB13 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	59.198202	-18654.801
-554.314718	106783.116	332.147452	
REACTNS	3.41E-12	-59.198202	18654.801
554.314718	-106783.116	-332.147452	

TOTAL	3.41E-12	1.62E-11	1.46E-10
-1.83E-10	-9.17E-10	1.61E-10	

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TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVB13 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	59.198202	-18654.801
-554.314718	106783.116	332.147452	
REACTNS	3.41E-12	-59.198202	18654.801
554.314718	-106783.116	-332.147452	

TOTAL	3.41E-12	1.62E-11	1.46E-10
-1.83E-10	-9.17E-10	1.61E-10	

COMB SVB14 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	624.853202	-14995.261
-7626.133	85173.650	3546.343	
REACTNS	1.65E-12	-624.853202	14995.261
7626.133	-85173.650	-3546.343	

TOTAL	1.65E-12	2.51E-10	1.15E-10
-2.84E-09	-7.28E-10	2.50E-09	

COMB SVB14 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	624.853202	-14995.261
-7626.133	85173.650	3546.343	
REACTNS	1.65E-12	-624.853202	14995.261
7626.133	-85173.650	-3546.343	

TOTAL	1.65E-12	2.51E-10	1.15E-10
-2.84E-09	-7.28E-10	2.50E-09	

COMB SVB15 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	59.198202	-14995.261
-554.314718	85173.650	332.147452	
REACTNS	1.65E-12	-59.198202	14995.261
554.314718	-85173.650	-332.147452	

TOTAL	1.65E-12	1.62E-11	1.15E-10
-1.83E-10	-7.28E-10	1.61E-10	

COMB SVB15 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	59.198202	-14995.261
-554.314718	85173.650	332.147452	
REACTNS	1.65E-12	-59.198202	14995.261
554.314718	-85173.650	-332.147452	

TOTAL	1.65E-12	1.62E-11	1.15E-10
-1.83E-10	-7.28E-10	1.61E-10	

COMB ULB01 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-27361.851
-6.50E-29	157186.097	-6.82E-30	
REACTNS	5.93E-12	-1.74E-26	27361.851
1.93E-25	-157186.097	-7.73E-26	

TOTAL	5.93E-12	-1.74E-26	2.15E-10
1.93E-25	-1.35E-09	-7.73E-26	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULB01 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-27361.851
-6.50E-29	157186.097	-6.82E-30	
REACTNS	5.93E-12	-1.74E-26	27361.851
1.93E-25	-157186.097	-7.73E-26	

TOTAL	5.93E-12	-1.74E-26	2.15E-10
1.93E-25	-1.35E-09	-7.73E-26	

COMB ULB02 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-19493.840
-6.50E-29	110725.745	-6.82E-30	
REACTNS	2.14E-12	-1.21E-26	19493.840
1.35E-25	-110725.745	-5.32E-26	

TOTAL	2.14E-12	-1.21E-26	1.49E-10
1.35E-25	-9.46E-10	-5.32E-26	

COMB ULB02 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-19493.840
-6.50E-29	110725.745	-6.82E-30	
REACTNS	2.14E-12	-1.21E-26	19493.840
1.35E-25	-110725.745	-5.32E-26	

TOTAL	2.14E-12	-1.21E-26	1.49E-10
1.35E-25	-9.46E-10	-5.32E-26	

COMB ULB03 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	153.915325	-19493.840
-1441.218	110725.745	863.583374	
REACTNS	2.14E-12	-153.915325	19493.840
1441.218	-110725.745	-863.583374	

TOTAL	2.14E-12	4.21E-11	1.49E-10
-4.75E-10	-9.46E-10	4.19E-10	

COMB ULB03 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	153.915325	-19493.840
-1441.218	110725.745	863.583374	
REACTNS	2.14E-12	-153.915325	19493.840
1441.218	-110725.745	-863.583374	

TOTAL	2.14E-12	4.21E-11	1.49E-10
-4.75E-10	-9.46E-10	4.19E-10	

COMB ULB04 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	76.957663	-24251.242
-720.609133	138818.051	431.791687	
REACTNS	4.43E-12	-76.957663	24251.242
720.609133	-138818.051	-431.791687	

TOTAL	4.43E-12	2.10E-11	1.89E-10
-2.38E-10	-1.19E-09	2.09E-10	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULB04 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	76.957663	-24251.242
-720.609133	138818.051	431.791687	
REACTNS	4.43E-12	-76.957663	24251.242
720.609133	-138818.051	-431.791687	

TOTAL	4.43E-12	2.10E-11	1.89E-10
-2.38E-10	-1.19E-09	2.09E-10	

COMB ULB05 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	76.957663	-19493.840
-720.609133	110725.745	431.791687	
REACTNS	2.14E-12	-76.957663	19493.840
720.609133	-110725.745	-431.791687	

TOTAL	2.14E-12	2.10E-11	1.49E-10
-2.38E-10	-9.46E-10	2.09E-10	

COMB ULB05 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	76.957663	-19493.840
-720.609133	110725.745	431.791687	
REACTNS	2.14E-12	-76.957663	19493.840
720.609133	-110725.745	-431.791687	

TOTAL	2.14E-12	2.10E-11	1.49E-10
-2.38E-10	-9.46E-10	2.09E-10	

COMB ULB06 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	735.351500	-24251.242
-9193.364	138818.051	4178.454	
REACTNS	4.43E-12	-735.351500	24251.242
9193.364	-138818.051	-4178.454	

TOTAL	4.43E-12	3.05E-10	1.89E-10
-3.45E-09	-1.19E-09	3.04E-09	

COMB ULB06 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	735.351500	-24251.242
-9193.364	138818.051	4178.454	
REACTNS	4.43E-12	-735.351500	24251.242
9193.364	-138818.051	-4178.454	

TOTAL	4.43E-12	3.05E-10	1.89E-10
-3.45E-09	-1.19E-09	3.04E-09	

COMB ULB07 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-24251.242
-6.50E-29	138818.051	-6.82E-30	
REACTNS	4.43E-12	-1.53E-26	24251.242
1.70E-25	-138818.051	-6.78E-26	

TOTAL	4.43E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULB07 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-24251.242
-6.50E-29	138818.051	-6.82E-30	
REACTNS	4.43E-12	-1.53E-26	24251.242
1.70E-25	-138818.051	-6.78E-26	

TOTAL	4.43E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

COMB ULB08 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	735.351500	-19493.840
-9193.364	110725.745	4178.454	
REACTNS	2.14E-12	-735.351500	19493.840
9193.364	-110725.745	-4178.454	

TOTAL	2.14E-12	3.05E-10	1.49E-10
-3.45E-09	-9.46E-10	3.04E-09	

COMB ULB08 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	735.351500	-19493.840
-9193.364	110725.745	4178.454	
REACTNS	2.14E-12	-735.351500	19493.840
9193.364	-110725.745	-4178.454	

TOTAL	2.14E-12	3.05E-10	1.49E-10
-3.45E-09	-9.46E-10	3.04E-09	

COMB ULB09 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-19493.840
-6.50E-29	110725.745	-6.82E-30	
REACTNS	2.14E-12	-1.21E-26	19493.840
1.35E-25	-110725.745	-5.32E-26	

TOTAL	2.14E-12	-1.21E-26	1.49E-10
1.35E-25	-9.46E-10	-5.32E-26	

COMB ULB09 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-19493.840
-6.50E-29	110725.745	-6.82E-30	
REACTNS	2.14E-12	-1.21E-26	19493.840
1.35E-25	-110725.745	-5.32E-26	

TOTAL	2.14E-12	-1.21E-26	1.49E-10
1.35E-25	-9.46E-10	-5.32E-26	

COMB ULB10 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	855.064255	-18744.077
-10225.559	106467.063	4848.113	
REACTNS	2.06E-12	-855.064255	18744.077
10225.559	-106467.063	-4848.113	

TOTAL	2.06E-12	3.34E-10	1.43E-10
-3.77E-09	-9.09E-10	3.33E-09	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULB10 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	855.064255	-18744.077
-10225.559	106467.063	4848.113	
REACTNS	2.06E-12	-855.064255	18744.077
10225.559	-106467.063	-4848.113	

TOTAL	2.06E-12	3.34E-10	1.43E-10
-3.77E-09	-9.09E-10	3.33E-09	

COMB ULB11 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	147.995505	-18744.077
-1385.787	106467.063	830.368629	
REACTNS	2.06E-12	-147.995505	18744.077
1385.787	-106467.063	-830.368629	

TOTAL	2.06E-12	4.05E-11	1.43E-10
-4.57E-10	-9.09E-10	4.02E-10	

COMB ULB11 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	147.995505	-18744.077
-1385.787	106467.063	830.368629	
REACTNS	2.06E-12	-147.995505	18744.077
1385.787	-106467.063	-830.368629	

TOTAL	2.06E-12	4.05E-11	1.43E-10
-4.57E-10	-9.09E-10	4.02E-10	

COMB ULB12 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	781.066503	-23318.502
-9532.666	133478.895	4432.928	
REACTNS	4.26E-12	-781.066502	23318.502
9532.666	-133478.895	-4432.928	

TOTAL	4.26E-12	3.14E-10	1.82E-10
-3.55E-09	-1.15E-09	3.12E-09	

COMB ULB12 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	781.066503	-23318.502
-9532.666	133478.895	4432.928	
REACTNS	4.26E-12	-781.066502	23318.502
9532.666	-133478.895	-4432.928	

TOTAL	4.26E-12	3.14E-10	1.82E-10
-3.55E-09	-1.15E-09	3.12E-09	

COMB ULB13 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	73.997753	-23318.502
-692.893397	133478.895	415.184315	
REACTNS	4.26E-12	-73.997752	23318.502
692.893397	-133478.895	-415.184314	

TOTAL	4.26E-12	2.02E-11	1.82E-10
-2.28E-10	-1.15E-09	2.01E-10	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULB13 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	73.997753	-23318.502
-692.893397	133478.895	415.184315	
REACTNS	4.26E-12	-73.997752	23318.502
692.893397	-133478.895	-415.184314	

TOTAL	4.26E-12	2.02E-11	1.82E-10
-2.28E-10	-1.15E-09	2.01E-10	

COMB ULB14 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	781.066503	-18744.077
-9532.666	106467.063	4432.928	
REACTNS	2.06E-12	-781.066502	18744.077
9532.666	-106467.063	-4432.928	

TOTAL	2.06E-12	3.14E-10	1.43E-10
-3.55E-09	-9.09E-10	3.12E-09	

COMB ULB14 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	781.066503	-18744.077
-9532.666	106467.063	4432.928	
REACTNS	2.06E-12	-781.066502	18744.077
9532.666	-106467.063	-4432.928	

TOTAL	2.06E-12	3.14E-10	1.43E-10
-3.55E-09	-9.09E-10	3.12E-09	

COMB ULB15 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	73.997753	-18744.077
-692.893397	106467.063	415.184315	
REACTNS	2.06E-12	-73.997752	18744.077
692.893397	-106467.063	-415.184314	

TOTAL	2.06E-12	2.02E-11	1.43E-10
-2.28E-10	-9.09E-10	2.01E-10	

COMB ULB15 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	73.997753	-18744.077
-692.893397	106467.063	415.184315	
REACTNS	2.06E-12	-73.997752	18744.077
692.893397	-106467.063	-415.184314	

TOTAL	2.06E-12	2.02E-11	1.43E-10
-2.28E-10	-9.09E-10	2.01E-10	

COMB ULB16 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	

TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULB16 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	

TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB ULB17 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-24251.242
-6.50E-29	138818.051	-6.82E-30	
REACTNS	4.43E-12	-1.53E-26	24251.242
1.70E-25	-138818.051	-6.78E-26	

TOTAL	4.43E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

COMB ULB17 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	5.83E-30	-24251.242
-6.50E-29	138818.051	-6.82E-30	
REACTNS	4.43E-12	-1.53E-26	24251.242
1.70E-25	-138818.051	-6.78E-26	

TOTAL	4.43E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

COMB ULB18 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	142.075685	-17994.314
-1330.355	102208.380	797.153884	
REACTNS	1.98E-12	-142.075685	17994.314
1330.355	-102208.380	-797.153884	

TOTAL	1.98E-12	3.88E-11	1.38E-10
-4.38E-10	-8.73E-10	3.86E-10	

COMB ULB18 ---------- MIN

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	142.075685	-17994.314
-1330.355	102208.380	797.153884	
REACTNS	1.98E-12	-142.075685	17994.314
1330.355	-102208.380	-797.153884	

TOTAL	1.98E-12	3.88E-11	1.38E-10
-4.38E-10	-8.73E-10	3.86E-10	

COMB UEB01 ---------- MAX

	FX	FY	FZ
MX	MY	MZ	
APPLIED	.000000	4.49E-30	-22863.272
-5.00E-29	131634.002	-5.24E-30	
REACTNS	5.44E-12	-1.46E-26	22863.272
1.62E-25	-131634.002	-6.50E-26	

TOTAL 5.44E-12 -1.46E-26 1.81E-10
1.62E-25 -1.13E-09 -6.50E-26
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEB01 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-22863.272
-5.00E-29	131634.002	-5.24E-30	
REACTNS	5.44E-12	-1.46E-26	22863.272
1.62E-25	-131634.002	-6.50E-26	
TOTAL	5.44E-12	-1.46E-26	1.81E-10
1.62E-25	-1.13E-09	-6.50E-26	

COMB UEB02 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB UEB02 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB UEB03 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	153.915325	-14995.261
-1441.218	85173.650	863.583374	
REACTNS	1.65E-12	-153.915325	14995.261
1441.218	-85173.650	-863.583374	
TOTAL	1.65E-12	4.21E-11	1.15E-10
-4.75E-10	-7.28E-10	4.19E-10	

COMB UEB03 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	153.915325	-14995.261
-1441.218	85173.650	863.583374	
REACTNS	1.65E-12	-153.915325	14995.261
1441.218	-85173.650	-863.583374	
TOTAL	1.65E-12	4.21E-11	1.15E-10
-4.75E-10	-7.28E-10	4.19E-10	

COMB UEB04 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	76.957663	-19752.663
-720.609133	113265.956	431.791687	
REACTNS	3.94E-12	-76.957663	19752.663
720.609133	-113265.956	-431.791687	
TOTAL	3.94E-12	2.10E-11	1.55E-10
-2.38E-10	-9.74E-10	2.09E-10	
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEB04 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	76.957663	-19752.663
-720.609133	113265.956	431.791687	
REACTNS	3.94E-12	-76.957663	19752.663
720.609133	-113265.956	-431.791687	
TOTAL	3.94E-12	2.10E-11	1.55E-10
-2.38E-10	-9.74E-10	2.09E-10	

COMB UEB05 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	76.957663	-14995.261
-720.609133	85173.650	431.791687	
REACTNS	1.65E-12	-76.957663	14995.261
720.609133	-85173.650	-431.791687	
TOTAL	1.65E-12	2.10E-11	1.15E-10
-2.38E-10	-7.28E-10	2.09E-10	

COMB UEB05 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	76.957663	-14995.261
-720.609133	85173.650	431.791687	
REACTNS	1.65E-12	-76.957663	14995.261
720.609133	-85173.650	-431.791687	
TOTAL	1.65E-12	2.10E-11	1.15E-10
-2.38E-10	-7.28E-10	2.09E-10	

COMB UEB06 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	735.351500	-19752.663
-9193.364	113265.956	4178.454	
REACTNS	3.94E-12	-735.351500	19752.663
9193.364	-113265.956	-4178.454	
TOTAL	3.94E-12	3.05E-10	1.55E-10
-3.45E-09	-9.74E-10	3.04E-09	

COMB UEB06 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	735.351500	-19752.663
-9193.364	113265.956	4178.454	
REACTNS	3.94E-12	-735.351500	19752.663
9193.364	-113265.956	-4178.454	
TOTAL	3.94E-12	3.05E-10	1.55E-10
-3.45E-09	-9.74E-10	3.04E-09	

COMB UEB07 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-19752.663
-5.00E-29	113265.956	-5.24E-30	
REACTNS	3.94E-12	-1.25E-26	19752.663
1.39E-25	-113265.956	-5.55E-26	
TOTAL	3.94E-12	-1.25E-26	1.55E-10
1.39E-25	-9.74E-10	-5.55E-26	
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEB07 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-19752.663
-5.00E-29	113265.956	-5.24E-30	
REACTNS	3.94E-12	-1.25E-26	19752.663
1.39E-25	-113265.956	-5.55E-26	
TOTAL	3.94E-12	-1.25E-26	1.55E-10
1.39E-25	-9.74E-10	-5.55E-26	

COMB UEB08 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	735.351500	-14995.261
-9193.364	85173.650	4178.454	
REACTNS	1.65E-12	-735.351500	14995.261
9193.364	-85173.650	-4178.454	
TOTAL	1.65E-12	3.05E-10	1.15E-10
-3.45E-09	-7.28E-10	3.04E-09	

COMB UEB08 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	735.351500	-14995.261
-9193.364	85173.650	4178.454	
REACTNS	1.65E-12	-735.351500	14995.261
9193.364	-85173.650	-4178.454	
TOTAL	1.65E-12	3.05E-10	1.15E-10
-3.45E-09	-7.28E-10	3.04E-09	

COMB UEB09 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB UEB09 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB UEB10 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	855.064255	-14245.498
-10225.559	80914.968	4848.113	
REACTNS	1.57E-12	-855.064255	14245.498
10225.559	-80914.968	-4848.113	
TOTAL	1.57E-12	3.34E-10	1.09E-10
-3.77E-09	-6.91E-10	3.33E-09	
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEB10 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	855.064255	-14245.498
-10225.559	80914.968	4848.113	
REACTNS	1.57E-12	-855.064255	14245.498
10225.559	-80914.968	-4848.113	
TOTAL	1.57E-12	3.34E-10	1.09E-10
-3.77E-09	-6.91E-10	3.33E-09	

COMB UEB11 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	147.995505	-14245.498
-1385.787	80914.968	830.368629	
REACTNS	1.57E-12	-147.995505	14245.498
1385.787	-80914.968	-830.368629	
TOTAL	1.57E-12	4.05E-11	1.09E-10
-4.57E-10	-6.91E-10	4.02E-10	

COMB UEB11 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	147.995505	-14245.498
-1385.787	80914.968	830.368629	
REACTNS	1.57E-12	-147.995505	14245.498
1385.787	-80914.968	-830.368629	
TOTAL	1.57E-12	4.05E-11	1.09E-10
-4.57E-10	-6.91E-10	4.02E-10	

COMB UEB12 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	781.066503	-18819.923
-9532.666	107926.800	4432.928	
REACTNS	3.77E-12	-781.066502	18819.923
9532.666	-107926.800	-4432.928	
TOTAL	3.77E-12	3.14E-10	1.48E-10
-3.55E-09	-9.28E-10	3.12E-09	

COMB UEB12 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	781.066503	-18819.923
-9532.666	107926.800	4432.928	
REACTNS	3.77E-12	-781.066502	18819.923
9532.666	-107926.800	-4432.928	
TOTAL	3.77E-12	3.14E-10	1.48E-10
-3.55E-09	-9.28E-10	3.12E-09	

COMB UEB13 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	73.997753	-18819.923
-692.893397	107926.800	415.184315	
REACTNS	3.77E-12	-73.997752	18819.923
692.893397	-107926.800	-415.184314	
TOTAL	3.77E-12	2.02E-11	1.48E-10
-2.28E-10	-9.28E-10	2.01E-10	
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEB13 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	73.997753	-18819.923
-692.893397	107926.800	415.184315	
REACTNS	3.77E-12	-73.997752	18819.923
692.893397	-107926.800	-415.184314	
TOTAL	3.77E-12	2.02E-11	1.48E-10
-2.28E-10	-9.28E-10	2.01E-10	

COMB UEB14 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	781.066503	-14245.498
-9532.666	80914.968	4432.928	
REACTNS	1.57E-12	-781.066502	14245.498
9532.666	-80914.968	-4432.928	
TOTAL	1.57E-12	3.14E-10	1.09E-10
-3.55E-09	-6.91E-10	3.12E-09	

COMB UEB14 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	781.066503	-14245.498
-9532.666	80914.968	4432.928	
REACTNS	1.57E-12	-781.066502	14245.498
9532.666	-80914.968	-4432.928	
TOTAL	1.57E-12	3.14E-10	1.09E-10
-3.55E-09	-6.91E-10	3.12E-09	

COMB UEB15 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	73.997753	-14245.498
-692.893397	80914.968	415.184315	
REACTNS	1.57E-12	-73.997752	14245.498
692.893397	-80914.968	-415.184314	
TOTAL	1.57E-12	2.02E-11	1.09E-10
-2.28E-10	-6.91E-10	2.01E-10	

COMB UEB15 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	73.997753	-14245.498
-692.893397	80914.968	415.184315	
REACTNS	1.57E-12	-73.997752	14245.498
692.893397	-80914.968	-415.184314	
TOTAL	1.57E-12	2.02E-11	1.09E-10
-2.28E-10	-6.91E-10	2.01E-10	

COMB UEB16 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEB16 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-14995.261
-5.00E-29	85173.650	-5.24E-30	
REACTNS	1.65E-12	-9.34E-27	14995.261
1.04E-25	-85173.650	-4.10E-26	
TOTAL	1.65E-12	-9.34E-27	1.15E-10
1.04E-25	-7.28E-10	-4.10E-26	

COMB UEB17 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-19752.663
-5.00E-29	113265.956	-5.24E-30	
REACTNS	3.94E-12	-1.25E-26	19752.663
1.39E-25	-113265.956	-5.55E-26	
TOTAL	3.94E-12	-1.25E-26	1.55E-10
1.39E-25	-9.74E-10	-5.55E-26	

COMB UEB17 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	4.49E-30	-19752.663
-5.00E-29	113265.956	-5.24E-30	
REACTNS	3.94E-12	-1.25E-26	19752.663
1.39E-25	-113265.956	-5.55E-26	
TOTAL	3.94E-12	-1.25E-26	1.55E-10
1.39E-25	-9.74E-10	-5.55E-26	

COMB UEB18 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	142.075685	-13495.735
-1330.355	76656.285	797.153884	
REACTNS	1.48E-12	-142.075685	13495.735
1330.355	-76656.285	-797.153884	
TOTAL	1.48E-12	3.88E-11	1.03E-10
-4.38E-10	-6.55E-10	3.86E-10	

COMB UEB18 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	.000000	142.075685	-13495.735
-1330.355	76656.285	797.153884	
REACTNS	1.48E-12	-142.075685	13495.735
1330.355	-76656.285	-797.153884	
TOTAL	1.48E-12	3.88E-11	1.03E-10
-4.38E-10	-6.55E-10	3.86E-10	

COMB SVO01 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-18654.801
-5.00E-29	106809.430	-5.24E-30	
REACTNS	-9.892000	-1.18E-26	18654.801
1.31E-25	-106809.430	-5.21E-26	
TOTAL	3.49E-12	-1.18E-26	1.46E-10
1.31E-25	-9.16E-10	-5.21E-26	
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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVO01 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-18654.801
-5.00E-29	106809.430	-5.24E-30	
REACTNS	-9.892000	-1.18E-26	18654.801
1.31E-25	-106809.430	-5.21E-26	
TOTAL	3.49E-12	-1.18E-26	1.46E-10
1.31E-25	-9.16E-10	-5.21E-26	

COMB SVO02 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.34E-27	14995.261
1.04E-25	-85199.964	-4.10E-26	
TOTAL	1.73E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB SVO02 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.34E-27	14995.261
1.04E-25	-85199.964	-4.10E-26	
TOTAL	1.73E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB SVO03 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	762.898978	4.49E-30	-14995.261
-5.00E-29	95782.649	-5.24E-30	
REACTNS	-762.898978	-8.30E-27	14995.261
9.24E-26	-95782.649	-3.74E-26	
TOTAL	4.58E-11	-8.29E-27	1.16E-10
9.23E-26	-3.10E-10	-3.74E-26	

COMB SVO03 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	762.898978	4.49E-30	-14995.261
-5.00E-29	95782.649	-5.24E-30	
REACTNS	-762.898978	-8.30E-27	14995.261
9.24E-26	-95782.649	-3.74E-26	
TOTAL	4.58E-11	-8.29E-27	1.16E-10
9.23E-26	-3.10E-10	-3.74E-26	

COMB SVO04 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-18654.801
-5.00E-29	113414.292	-5.24E-30	
REACTNS	-464.395489	-1.11E-26	18654.801
1.24E-25	-113414.292	-4.98E-26	
TOTAL	3.07E-11	-1.11E-26	1.47E-10
1.24E-25	-6.60E-10	-4.98E-26	
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TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVO04 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-18654.801
-5.00E-29	113414.292	-5.24E-30	
REACTNS	-464.395489	-1.11E-26	18654.801
1.24E-25	-113414.292	-4.98E-26	

TOTAL	3.07E-11	-1.11E-26	1.47E-10
1.24E-25	-6.60E-10	-4.98E-26	

COMB SVO05 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-14995.261
-5.00E-29	91804.826	-5.24E-30	
REACTNS	-464.395489	-8.68E-27	14995.261
9.66E-26	-91804.826	-3.86E-26	

TOTAL	2.90E-11	-8.67E-27	1.16E-10
9.66E-26	-4.71E-10	-3.86E-26	

COMB SVO05 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-14995.261
-5.00E-29	91804.826	-5.24E-30	
REACTNS	-464.395489	-8.68E-27	14995.261
9.66E-26	-91804.826	-3.86E-26	

TOTAL	2.90E-11	-8.67E-27	1.16E-10
9.66E-26	-4.71E-10	-3.86E-26	

COMB SVO06 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-18654.801
-5.00E-29	106809.430	-5.24E-30	
REACTNS	-9.892000	-1.20E-26	18654.801
1.33E-25	-106809.430	-5.35E-26	

TOTAL	1.12E-10	-1.19E-26	1.48E-10
1.33E-25	2.66E-10	-5.35E-26	

COMB SVO06 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-18654.801
-5.00E-29	106809.430	-5.24E-30	
REACTNS	-9.892000	-1.20E-26	18654.801
1.33E-25	-106809.430	-5.35E-26	

TOTAL	1.12E-10	-1.19E-26	1.48E-10
1.33E-25	2.66E-10	-5.35E-26	

COMB SVO07 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-18654.801
-5.00E-29	106809.430	-5.24E-30	
REACTNS	-9.892000	-1.18E-26	18654.801
1.31E-25	-106809.430	-5.21E-26	

TOTAL	3.49E-12	-1.18E-26	1.46E-10
1.31E-25	-9.16E-10	-5.21E-26	

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TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVO07 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-18654.801
-5.00E-29	106809.430	-5.24E-30	
REACTNS	-9.892000	-1.18E-26	18654.801
1.31E-25	-106809.430	-5.21E-26	

TOTAL	3.49E-12	-1.18E-26	1.46E-10
1.31E-25	-9.16E-10	-5.21E-26	

COMB SVO08 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.52E-27	14995.261
1.06E-25	-85199.964	-4.23E-26	

TOTAL	1.10E-10	-9.52E-27	1.17E-10
1.06E-25	4.55E-10	-4.23E-26	

COMB SVO08 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.52E-27	14995.261
1.06E-25	-85199.964	-4.23E-26	

TOTAL	1.10E-10	-9.52E-27	1.17E-10
1.06E-25	4.55E-10	-4.23E-26	

COMB SVO09 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.34E-27	14995.261
1.04E-25	-85199.964	-4.10E-26	

TOTAL	1.73E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB SVO09 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.34E-27	14995.261
1.04E-25	-85199.964	-4.10E-26	

TOTAL	1.73E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB SVO10 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	762.898978	4.49E-30	-14995.261
-5.00E-29	95782.649	-5.24E-30	
REACTNS	-762.898978	-8.48E-27	14995.261
9.44E-26	-95782.649	-3.87E-26	

TOTAL	1.55E-10	-8.47E-27	1.19E-10
9.43E-26	8.72E-10	-3.87E-26	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVO10 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	762.898978	4.49E-30	-14995.261
-5.00E-29	95782.649	-5.24E-30	
REACTNS	-762.898978	-8.48E-27	14995.261
9.44E-26	-95782.649	-3.87E-26	

TOTAL	1.55E-10	-8.47E-27	1.19E-10
9.43E-26	8.72E-10	-3.87E-26	

COMB SVO11 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	762.898978	4.49E-30	-14995.261
-5.00E-29	95782.649	-5.24E-30	
REACTNS	-762.898978	-8.30E-27	14995.261
9.24E-26	-95782.649	-3.74E-26	

TOTAL	4.58E-11	-8.29E-27	1.16E-10
9.23E-26	-3.10E-10	-3.74E-26	

COMB SVO11 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	762.898978	4.49E-30	-14995.261
-5.00E-29	95782.649	-5.24E-30	
REACTNS	-762.898978	-8.30E-27	14995.261
9.24E-26	-95782.649	-3.74E-26	

TOTAL	4.58E-11	-8.29E-27	1.16E-10
9.23E-26	-3.10E-10	-3.74E-26	

COMB SVO12 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-18654.801
-5.00E-29	113414.292	-5.24E-30	
REACTNS	-464.395489	-1.13E-26	18654.801
1.26E-25	-113414.292	-5.12E-26	

TOTAL	1.39E-10	-1.13E-26	1.49E-10
1.26E-25	5.22E-10	-5.12E-26	

COMB SVO12 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-18654.801
-5.00E-29	113414.292	-5.24E-30	
REACTNS	-464.395489	-1.13E-26	18654.801
1.26E-25	-113414.292	-5.12E-26	

TOTAL	1.39E-10	-1.13E-26	1.49E-10
1.26E-25	5.22E-10	-5.12E-26	

COMB SVO13 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-18654.801
-5.00E-29	113414.292	-5.24E-30	
REACTNS	-464.395489	-1.11E-26	18654.801
1.24E-25	-113414.292	-4.98E-26	

TOTAL	3.07E-11	-1.11E-26	1.47E-10
1.24E-25	-6.60E-10	-4.98E-26	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB SVO13 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-18654.801
-5.00E-29	113414.292	-5.24E-30	
REACTNS	-464.395489	-1.11E-26	18654.801
1.24E-25	-113414.292	-4.98E-26	

TOTAL	3.07E-11	-1.11E-26	1.47E-10
1.24E-25	-6.60E-10	-4.98E-26	

COMB SVO14 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-14995.261
-5.00E-29	91804.826	-5.24E-30	
REACTNS	-464.395489	-8.86E-27	14995.261
9.86E-26	-91804.826	-4.00E-26	

TOTAL	1.38E-10	-8.85E-27	1.18E-10
9.86E-26	7.11E-10	-4.00E-26	

COMB SVO14 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-14995.261
-5.00E-29	91804.826	-5.24E-30	
REACTNS	-464.395489	-8.86E-27	14995.261
9.86E-26	-91804.826	-4.00E-26	

TOTAL	1.38E-10	-8.85E-27	1.18E-10
9.86E-26	7.11E-10	-4.00E-26	

COMB SVO15 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-14995.261
-5.00E-29	91804.826	-5.24E-30	
REACTNS	-464.395489	-8.68E-27	14995.261
9.66E-26	-91804.826	-3.86E-26	

TOTAL	2.90E-11	-8.67E-27	1.16E-10
9.66E-26	-4.71E-10	-3.86E-26	

COMB SVO15 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	464.395489	4.49E-30	-14995.261
-5.00E-29	91804.826	-5.24E-30	
REACTNS	-464.395489	-8.68E-27	14995.261
9.66E-26	-91804.826	-3.86E-26	

TOTAL	2.90E-11	-8.67E-27	1.16E-10
9.66E-26	-4.71E-10	-3.86E-26	

COMB ULO01 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-27361.851
-6.50E-29	157220.304	-6.82E-30	
REACTNS	-12.859600	-1.74E-26	27361.851
1.93E-25	-157220.304	-7.73E-26	

TOTAL	6.03E-12	-1.74E-26	2.15E-10
1.93E-25	-1.35E-09	-7.73E-26	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULO01 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-27361.851
-6.50E-29	157220.304	-6.82E-30	
REACTNS	-12.859600	-1.74E-26	27361.851
1.93E-25	-157220.304	-7.73E-26	

TOTAL	6.03E-12	-1.74E-26	2.15E-10
1.93E-25	-1.35E-09	-7.73E-26	

COMB ULO02 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-19493.840
-6.50E-29	110759.953	-6.82E-30	
REACTNS	-12.859600	-1.21E-26	19493.840
1.35E-25	-110759.953	-5.32E-26	

TOTAL	2.24E-12	-1.21E-26	1.49E-10
1.35E-25	-9.45E-10	-5.32E-26	

COMB ULO02 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-19493.840
-6.50E-29	110759.953	-6.82E-30	
REACTNS	-12.859600	-1.21E-26	19493.840
1.35E-25	-110759.953	-5.32E-26	

TOTAL	2.24E-12	-1.21E-26	1.49E-10
1.35E-25	-9.45E-10	-5.32E-26	

COMB ULO03 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	991.768671	5.83E-30	-19493.840
-6.50E-29	124517.444	-6.82E-30	
REACTNS	-991.768671	-1.08E-26	19493.840
1.20E-25	-124517.444	-4.86E-26	

TOTAL	5.96E-11	-1.08E-26	1.51E-10
1.20E-25	-4.03E-10	-4.86E-26	

COMB ULO03 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	991.768671	5.83E-30	-19493.840
-6.50E-29	124517.444	-6.82E-30	
REACTNS	-991.768671	-1.08E-26	19493.840
1.20E-25	-124517.444	-4.86E-26	

TOTAL	5.96E-11	-1.08E-26	1.51E-10
1.20E-25	-4.03E-10	-4.86E-26	

COMB ULO04 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	5.83E-30	-24251.242
-6.50E-29	147438.580	-6.82E-30	
REACTNS	-603.714136	-1.44E-26	24251.242
1.61E-25	-147438.580	-6.48E-26	

TOTAL	4.00E-11	-1.44E-26	1.91E-10
1.61E-25	-8.58E-10	-6.48E-26	

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TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULO04 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	5.83E-30	-24251.242
-6.50E-29	147438.580	-6.82E-30	
REACTNS	-603.714136	-1.44E-26	24251.242
1.61E-25	-147438.580	-6.48E-26	

TOTAL	4.00E-11	-1.44E-26	1.91E-10
1.61E-25	-8.58E-10	-6.48E-26	

COMB ULO05 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	5.83E-30	-19493.840
-6.50E-29	119346.274	-6.82E-30	
REACTNS	-603.714136	-1.13E-26	19493.840
1.26E-25	-119346.274	-5.02E-26	

TOTAL	3.77E-11	-1.13E-26	1.51E-10
1.26E-25	-6.12E-10	-5.02E-26	

COMB ULO05 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	5.83E-30	-19493.840
-6.50E-29	119346.274	-6.82E-30	
REACTNS	-603.714136	-1.13E-26	19493.840
1.26E-25	-119346.274	-5.02E-26	

TOTAL	3.77E-11	-1.13E-26	1.51E-10
1.26E-25	-6.12E-10	-5.02E-26	

COMB ULO06 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-24251.242
-6.50E-29	138852.258	-6.82E-30	
REACTNS	-12.859600	-1.55E-26	24251.242
1.73E-25	-138852.258	-6.95E-26	

TOTAL	1.46E-10	-1.55E-26	1.93E-10
1.73E-25	3.46E-10	-6.95E-26	

COMB ULO06 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-24251.242
-6.50E-29	138852.258	-6.82E-30	
REACTNS	-12.859600	-1.55E-26	24251.242
1.73E-25	-138852.258	-6.95E-26	

TOTAL	1.46E-10	-1.55E-26	1.93E-10
1.73E-25	3.46E-10	-6.95E-26	

COMB ULO07 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-24251.242
-6.50E-29	138852.258	-6.82E-30	
REACTNS	-12.859600	-1.53E-26	24251.242
1.70E-25	-138852.258	-6.78E-26	

TOTAL	4.54E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

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TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULO07 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-24251.242
-6.50E-29	138852.258	-6.82E-30	
REACTNS	-12.859600	-1.53E-26	24251.242
1.70E-25	-138852.258	-6.78E-26	

TOTAL	4.54E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

COMB ULO08 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-19493.840
-6.50E-29	110759.953	-6.82E-30	
REACTNS	-12.859600	-1.24E-26	19493.840
1.38E-25	-110759.953	-5.50E-26	

TOTAL	1.44E-10	-1.24E-26	1.52E-10
1.38E-25	5.92E-10	-5.50E-26	

COMB ULO08 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-19493.840
-6.50E-29	110759.953	-6.82E-30	
REACTNS	-12.859600	-1.24E-26	19493.840
1.38E-25	-110759.953	-5.50E-26	

TOTAL	1.44E-10	-1.24E-26	1.52E-10
1.38E-25	5.92E-10	-5.50E-26	

COMB ULO09 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-19493.840
-6.50E-29	110759.953	-6.82E-30	
REACTNS	-12.859600	-1.21E-26	19493.840
1.35E-25	-110759.953	-5.32E-26	

TOTAL	2.24E-12	-1.21E-26	1.49E-10
1.35E-25	-9.45E-10	-5.32E-26	

COMB ULO09 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-19493.840
-6.50E-29	110759.953	-6.82E-30	
REACTNS	-12.859600	-1.21E-26	19493.840
1.35E-25	-110759.953	-5.32E-26	

TOTAL	2.24E-12	-1.21E-26	1.49E-10
1.35E-25	-9.45E-10	-5.32E-26	

COMB ULO10 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	5.61E-30	-18744.077
-6.25E-29	119728.312	-6.56E-30	
REACTNS	-953.623722	-1.06E-26	18744.077
1.18E-25	-119728.312	-4.84E-26	

TOTAL	1.93E-10	-1.06E-26	1.49E-10
1.18E-25	1.09E-09	-4.84E-26	

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G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULO10 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	5.61E-30	-18744.077
-6.25E-29	119728.312	-6.56E-30	
REACTNS	-953.623722	-1.06E-26	18744.077
1.18E-25	-119728.312	-4.84E-26	

TOTAL	1.93E-10	-1.06E-26	1.49E-10
1.18E-25	1.09E-09	-4.84E-26	

COMB ULO11 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	5.61E-30	-18744.077
-6.25E-29	119728.312	-6.56E-30	
REACTNS	-953.623722	-1.04E-26	18744.077
1.15E-25	-119728.312	-4.67E-26	

TOTAL	5.73E-11	-1.04E-26	1.46E-10
1.15E-25	-3.88E-10	-4.67E-26	

COMB ULO11 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	5.61E-30	-18744.077
-6.25E-29	119728.312	-6.56E-30	
REACTNS	-953.623722	-1.04E-26	18744.077

1.15E-25 -119728.312 -4.67E-26

TOTAL 5.73E-11 -1.04E-26 1.46E-10
1.15E-25 -3.88E-10 -4.67E-26

COMB ULO12 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-23318.502
-6.25E-29	141767.865	-6.56E-30	
REACTNS	-580.494361	-1.41E-26	23318.502
1.57E-25	-141767.865	-6.39E-26	
TOTAL	1.74E-10	-1.41E-26	1.87E-10
1.57E-25	6.52E-10	-6.39E-26	

COMB ULO12 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-23318.502
-6.25E-29	141767.865	-6.56E-30	
REACTNS	-580.494361	-1.41E-26	23318.502
1.57E-25	-141767.865	-6.39E-26	
TOTAL	1.74E-10	-1.41E-26	1.87E-10
1.57E-25	6.52E-10	-6.39E-26	

COMB ULO13 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-23318.502
-6.25E-29	141767.865	-6.56E-30	
REACTNS	-580.494361	-1.39E-26	23318.502
1.55E-25	-141767.865	-6.23E-26	
TOTAL	3.84E-11	-1.39E-26	1.83E-10
1.55E-25	-8.25E-10	-6.23E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULO13 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-23318.502
-6.25E-29	141767.865	-6.56E-30	
REACTNS	-580.494361	-1.39E-26	23318.502
1.55E-25	-141767.865	-6.23E-26	
TOTAL	3.84E-11	-1.39E-26	1.83E-10
1.55E-25	-8.25E-10	-6.23E-26	

COMB ULO14 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-18744.077
-6.25E-29	114756.033	-6.56E-30	
REACTNS	-580.494361	-1.11E-26	18744.077
1.23E-25	-114756.033	-5.00E-26	
TOTAL	1.72E-10	-1.11E-26	1.48E-10
1.23E-25	8.89E-10	-5.00E-26	

COMB ULO14 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-18744.077
-6.25E-29	114756.033	-6.56E-30	
REACTNS	-580.494361	-1.11E-26	18744.077
1.23E-25	-114756.033	-5.00E-26	
TOTAL	1.72E-10	-1.11E-26	1.48E-10
1.23E-25	8.89E-10	-5.00E-26	

COMB ULO15 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-18744.077
-6.25E-29	114756.033	-6.56E-30	
REACTNS	-580.494361	-1.08E-26	18744.077
1.21E-25	-114756.033	-4.83E-26	
TOTAL	3.62E-11	-1.08E-26	1.45E-10
1.21E-25	-5.89E-10	-4.83E-26	

COMB ULO15 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	5.61E-30	-18744.077
-6.25E-29	114756.033	-6.56E-30	
REACTNS	-580.494361	-1.08E-26	18744.077
1.21E-25	-114756.033	-4.83E-26	
TOTAL	3.62E-11	-1.08E-26	1.45E-10
1.21E-25	-5.89E-10	-4.83E-26	

COMB ULO16 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.34E-27	14995.261
1.04E-25	-85199.964	-4.10E-26	
TOTAL	1.73E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB ULO16 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	9.892000	4.49E-30	-14995.261
-5.00E-29	85199.964	-5.24E-30	
REACTNS	-9.892000	-9.34E-27	14995.261
1.04E-25	-85199.964	-4.10E-26	
TOTAL	1.73E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB ULO17 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-24251.242
-6.50E-29	138852.258	-6.82E-30	
REACTNS	-12.859600	-1.53E-26	24251.242
1.70E-25	-138852.258	-6.78E-26	
TOTAL	4.54E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

COMB ULO17 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	5.83E-30	-24251.242
-6.50E-29	138852.258	-6.82E-30	
REACTNS	-12.859600	-1.53E-26	24251.242
1.70E-25	-138852.258	-6.78E-26	
TOTAL	4.54E-12	-1.53E-26	1.89E-10
1.70E-25	-1.19E-09	-6.78E-26	

COMB ULO18 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	915.478774	5.38E-30	-17994.314
-6.00E-29	114939.179	-6.29E-30	
REACTNS	-915.478774	-9.96E-27	17994.314
1.11E-25	-114939.179	-4.48E-26	
TOTAL	5.50E-11	-9.95E-27	1.40E-10
1.11E-25	-3.72E-10	-4.48E-26	

COMB ULO18 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	915.478774	5.38E-30	-17994.314
-6.00E-29	114939.179	-6.29E-30	
REACTNS	-915.478774	-9.96E-27	17994.314
1.11E-25	-114939.179	-4.48E-26	
TOTAL	5.50E-11	-9.95E-27	1.40E-10
1.11E-25	-3.72E-10	-4.48E-26	

COMB UEO01 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-22863.272
-5.00E-29	131668.209	-5.24E-30	
REACTNS	-12.859600	-1.46E-26	22863.272
1.62E-25	-131668.209	-6.50E-26	
TOTAL	5.54E-12	-1.46E-26	1.81E-10
1.62E-25	-1.13E-09	-6.50E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEO01 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-22863.272
-5.00E-29	131668.209	-5.24E-30	
REACTNS	-12.859600	-1.46E-26	22863.272
1.62E-25	-131668.209	-6.50E-26	
TOTAL	5.54E-12	-1.46E-26	1.81E-10
1.62E-25	-1.13E-09	-6.50E-26	

COMB UEO02 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-14995.261
-5.00E-29	85207.858	-5.24E-30	
REACTNS	-12.859600	-9.34E-27	14995.261
1.04E-25	-85207.858	-4.09E-26	
TOTAL	1.75E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB UEO02 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-14995.261
-5.00E-29	85207.858	-5.24E-30	
REACTNS	-12.859600	-9.34E-27	14995.261
1.04E-25	-85207.858	-4.09E-26	
TOTAL	1.75E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB UEO03 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	991.768671	4.49E-30	-14995.261
-5.00E-29	98965.349	-5.24E-30	
REACTNS	-991.768671	-7.99E-27	14995.261
8.89E-26	-98965.349	-3.63E-26	
TOTAL	5.91E-11	-7.98E-27	1.17E-10
8.89E-26	-1.85E-10	-3.63E-26	

COMB UEO03 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	991.768671	4.49E-30	-14995.261
-5.00E-29	98965.349	-5.24E-30	
REACTNS	-991.768671	-7.99E-27	14995.261
8.89E-26	-98965.349	-3.63E-26	
TOTAL	5.91E-11	-7.98E-27	1.17E-10
8.89E-26	-1.85E-10	-3.63E-26	

COMB UEO04 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	4.49E-30	-19752.663
-5.00E-29	121886.485	-5.24E-30	
REACTNS	-603.714136	-1.16E-26	19752.663
1.30E-25	-121886.485	-5.25E-26	
TOTAL	3.95E-11	-1.16E-26	1.56E-10
1.30E-25	-6.40E-10	-5.25E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEO04 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	4.49E-30	-19752.663
-5.00E-29	121886.485	-5.24E-30	
REACTNS	-603.714136	-1.16E-26	19752.663
1.30E-25	-121886.485	-5.25E-26	
TOTAL	3.95E-11	-1.16E-26	1.56E-10
1.30E-25	-6.40E-10	-5.25E-26	

COMB UEO05 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	4.49E-30	-14995.261
-5.00E-29	93794.179	-5.24E-30	
REACTNS	-603.714136	-8.48E-27	14995.261
9.44E-26	-93794.179	-3.79E-26	
TOTAL	3.72E-11	-8.47E-27	1.16E-10
9.44E-26	-3.94E-10	-3.79E-26	

COMB UEO05 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	603.714136	4.49E-30	-14995.261
-5.00E-29	93794.179	-5.24E-30	
REACTNS	-603.714136	-8.48E-27	14995.261
9.44E-26	-93794.179	-3.79E-26	
TOTAL	3.72E-11	-8.47E-27	1.16E-10
9.44E-26	-3.94E-10	-3.79E-26	

COMB UEO06 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-19752.663
-5.00E-29	113300.163	-5.24E-30	
REACTNS	-12.859600	-1.27E-26	19752.663
1.42E-25	-113300.163	-5.72E-26	
TOTAL	1.45E-10	-1.27E-26	1.58E-10
1.42E-25	5.64E-10	-5.72E-26	

COMB UEO06 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-19752.663
-5.00E-29	113300.163	-5.24E-30	
REACTNS	-12.859600	-1.27E-26	19752.663
1.42E-25	-113300.163	-5.72E-26	
TOTAL	1.45E-10	-1.27E-26	1.58E-10
1.42E-25	5.64E-10	-5.72E-26	

COMB UEO07 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-19752.663
-5.00E-29	113300.163	-5.24E-30	
REACTNS	-12.859600	-1.25E-26	19752.663
1.39E-25	-113300.163	-5.55E-26	
TOTAL	4.04E-12	-1.25E-26	1.55E-10
1.39E-25	-9.72E-10	-5.55E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEO07 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-19752.663
-5.00E-29	113300.163	-5.24E-30	
REACTNS	-12.859600	-1.25E-26	19752.663
1.39E-25	-113300.163	-5.55E-26	
TOTAL	4.04E-12	-1.25E-26	1.55E-10
1.39E-25	-9.72E-10	-5.55E-26	

COMB UEO08 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-14995.261
-5.00E-29	85207.858	-5.24E-30	
REACTNS	-12.859600	-9.58E-27	14995.261
1.07E-25	-85207.858	-4.27E-26	
TOTAL	1.43E-10	-9.57E-27	1.18E-10
1.07E-25	8.10E-10	-4.27E-26	

COMB UEO08 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-14995.261
-5.00E-29	85207.858	-5.24E-30	
REACTNS	-12.859600	-9.58E-27	14995.261
1.07E-25	-85207.858	-4.27E-26	
TOTAL	1.43E-10	-9.57E-27	1.18E-10
1.07E-25	8.10E-10	-4.27E-26	

COMB UEO09 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-14995.261
-5.00E-29	85207.858	-5.24E-30	
REACTNS	-12.859600	-9.34E-27	14995.261
1.04E-25	-85207.858	-4.09E-26	
TOTAL	1.75E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB UEO09 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	12.859600	4.49E-30	-14995.261
-5.00E-29	85207.858	-5.24E-30	
REACTNS	-12.859600	-9.34E-27	14995.261
1.04E-25	-85207.858	-4.09E-26	
TOTAL	1.75E-12	-9.34E-27	1.15E-10
1.04E-25	-7.27E-10	-4.10E-26	

COMB UEO10 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	4.26E-30	-14245.498
-4.75E-29	94176.217	-4.98E-30	
REACTNS	-953.623722	-7.80E-27	14245.498
8.68E-26	-94176.217	-3.61E-26	
TOTAL	1.93E-10	-7.79E-27	1.14E-10
8.67E-26	1.31E-09	-3.61E-26	

G L O B A L F O R C E B A L A N C E

TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEO10 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	4.26E-30	-14245.498
-4.75E-29	94176.217	-4.98E-30	
REACTNS	-953.623722	-7.80E-27	14245.498
8.68E-26	-94176.217	-3.61E-26	
TOTAL	1.93E-10	-7.79E-27	1.14E-10
8.67E-26	1.31E-09	-3.61E-26	

COMB UEO11 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	4.26E-30	-14245.498
-4.75E-29	94176.217	-4.98E-30	
REACTNS	-953.623722	-7.57E-27	14245.498
8.43E-26	-94176.217	-3.44E-26	
TOTAL	5.68E-11	-7.57E-27	1.11E-10
8.42E-26	-1.69E-10	-3.44E-26	

COMB UEO11 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	953.623722	4.26E-30	-14245.498
-4.75E-29	94176.217	-4.98E-30	
REACTNS	-953.623722	-7.57E-27	14245.498
8.43E-26	-94176.217	-3.44E-26	
TOTAL	5.68E-11	-7.57E-27	1.11E-10
8.42E-26	-1.69E-10	-3.44E-26	

COMB UEO12 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-18819.923
-4.75E-29	116215.770	-4.98E-30	
REACTNS	-580.494361	-1.13E-26	18819.923
1.26E-25	-116215.770	-5.17E-26	
TOTAL	1.74E-10	-1.13E-26	1.52E-10
1.26E-25	8.70E-10	-5.17E-26	

COMB UEO12 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-18819.923
-4.75E-29	116215.770	-4.98E-30	
REACTNS	-580.494361	-1.13E-26	18819.923
1.26E-25	-116215.770	-5.17E-26	
TOTAL	1.74E-10	-1.13E-26	1.52E-10
1.26E-25	8.70E-10	-5.17E-26	

COMB UEO13 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-18819.923
-4.75E-29	116215.770	-4.98E-30	
REACTNS	-580.494361	-1.11E-26	18819.923
1.23E-25	-116215.770	-5.00E-26	
TOTAL	3.79E-11	-1.11E-26	1.49E-10
1.23E-25	-6.07E-10	-5.00E-26	

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TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

COMB UEO13 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-18819.923
-4.75E-29	116215.770	-4.98E-30	
REACTNS	-580.494361	-1.11E-26	18819.923
1.23E-25	-116215.770	-5.00E-26	
TOTAL	3.79E-11	-1.11E-26	1.49E-10
1.23E-25	-6.07E-10	-5.00E-26	

COMB UEO14 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-14245.498
-4.75E-29	89203.938	-4.98E-30	
REACTNS	-580.494361	-8.27E-27	14245.498
9.21E-26	-89203.938	-3.77E-26	
TOTAL	1.72E-10	-8.27E-27	1.14E-10
9.20E-26	1.11E-09	-3.77E-26	

COMB UEO14 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-14245.498
-4.75E-29	89203.938	-4.98E-30	
REACTNS	-580.494361	-8.27E-27	14245.498
9.21E-26	-89203.938	-3.77E-26	
TOTAL	1.72E-10	-8.27E-27	1.14E-10
9.20E-26	1.11E-09	-3.77E-26	

COMB UEO15 ---------- MAX

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-14245.498
-4.75E-29	89203.938	-4.98E-30	
REACTNS	-580.494361	-8.05E-27	14245.498
8.96E-26	-89203.938	-3.60E-26	
TOTAL	3.57E-11	-8.04E-27	1.10E-10
8.95E-26	-3.70E-10	-3.60E-26	

COMB UEO15 ---------- MIN

	FX	FY	FZ
	MX	MY	MZ
APPLIED	580.494361	4.26E-30	-14245.498
-4.75E-29	89203.938	-4.98E-30	

```
REACTNS -580.494361    -8.05E-27    14245.498
 8.96E-26  -89203.938   -3.60E-26

  TOTAL      3.57E-11   -8.04E-27     1.10E-10
 8.95E-26   -3.70E-10   -3.60E-26

COMB    UEO16 ------------------ MAX

                FX           FY           FZ
     MX         MY           MZ
APPLIED     9.892000     4.49E-30   -14995.261
-5.00E-29   85199.964   -5.24E-30
REACTNS    -9.892000    -9.34E-27    14995.261
 1.04E-25  -85199.964   -4.10E-26

  TOTAL      1.73E-12   -9.34E-27     1.15E-10
 1.04E-25   -7.27E-10   -4.10E-26
Program  SAP2000  Nonlinear  Version  7.42
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 TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB    UEO16 ------------------ MIN

                FX           FY           FZ
     MX         MY           MZ
APPLIED     9.892000     4.49E-30   -14995.261
-5.00E-29   85199.964   -5.24E-30
REACTNS    -9.892000    -9.34E-27    14995.261
 1.04E-25  -85199.964   -4.10E-26

  TOTAL      1.73E-12   -9.34E-27     1.15E-10
 1.04E-25   -7.27E-10   -4.10E-26

COMB    UEO17 ------------------ MAX

                FX           FY           FZ
     MX         MY           MZ
APPLIED    12.859600     4.49E-30   -19752.663
-5.00E-29  113300.163   -5.24E-30
REACTNS   -12.859600    -1.25E-26    19752.663
 1.39E-25 -113300.163   -5.55E-26

  TOTAL      4.04E-12   -1.25E-26     1.55E-10
 1.39E-25   -9.72E-10   -5.55E-26

COMB    UEO17 ------------------ MIN

                FX           FY           FZ
     MX         MY           MZ
APPLIED    12.859600     4.49E-30   -19752.663
-5.00E-29  113300.163   -5.24E-30
REACTNS   -12.859600    -1.25E-26    19752.663
 1.39E-25 -113300.163   -5.55E-26

  TOTAL      4.04E-12   -1.25E-26     1.55E-10
 1.39E-25   -9.72E-10   -5.55E-26

COMB    UEO18 ------------------ MAX

                FX           FY           FZ
     MX         MY           MZ
APPLIED   915.478774     4.04E-30   -13495.735
-4.50E-29   89387.084   -4.72E-30
REACTNS -915.478774    -7.16E-27    13495.735
 7.97E-26  -89387.084   -3.25E-26

  TOTAL      5.45E-11   -7.15E-27     1.05E-10
 7.96E-26   -1.54E-10   -3.25E-26

COMB    UEO18 ------------------ MIN

                FX           FY           FZ
     MX         MY           MZ
APPLIED   915.478774     4.04E-30   -13495.735
-4.50E-29   89387.084   -4.72E-30
REACTNS -915.478774    -7.16E-27    13495.735
 7.97E-26  -89387.084   -3.25E-26

  TOTAL      5.45E-11   -7.15E-27     1.05E-10
 7.96E-26   -1.54E-10   -3.25E-26

COMB ENVBULT ------------------ MAX

                FX           FY           FZ
     MX         MY           MZ
APPLIED     .000000     5.83E-30     .000000
 .000000  157186.097     .000000
REACTNS     5.93E-12     .000000    27361.851
 1.93E-25    .000000     .000000

  TOTAL      5.93E-12     .000000     2.15E-10
 1.93E-25    .000000     .000000
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 TOTAL FORCE AND MOMENT AT THE ORIGIN,
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COMB ENVBULT ------------------ MIN

                FX           FY           FZ
     MX         MY           MZ
APPLIED     .000000     .000000   -27361.851
-6.50E-29    .000000   -6.82E-30
REACTNS     .000000    -1.74E-26     .000000
 .000000 -157186.097    -7.73E-26

  TOTAL      .000000    -1.74E-26     .000000
 .000000    -1.35E-09    -7.73E-26

COMB ENVBECC ------------------ MAX

                FX           FY           FZ
     MX         MY           MZ
APPLIED     .000000     4.49E-30     .000000
 .000000  131634.002     .000000
REACTNS     5.44E-12     .000000    22863.272
 1.62E-25    .000000     .000000

  TOTAL      5.44E-12     .000000     1.81E-10
 1.62E-25    .000000     .000000

COMB ENVBECC ------------------ MIN

                FX           FY           FZ
     MX         MY           MZ
APPLIED     .000000     .000000   -22863.272
-5.00E-29    .000000   -5.24E-30
REACTNS     .000000    -1.46E-26     .000000
 .000000 -131634.002    -6.50E-26

  TOTAL      .000000    -1.46E-26     .000000
 .000000    -1.13E-09    -6.50E-26

COMB ENVOULT ------------------ MAX

                FX           FY           FZ
     MX         MY           MZ
APPLIED    12.859600     5.83E-30     .000000
 .000000  157220.304     .000000
REACTNS     .000000     .000000    27361.851
 1.93E-25    .000000     .000000

  TOTAL      6.03E-12     .000000     2.15E-10
 1.93E-25    .000000     .000000

COMB ENVOULT ------------------ MIN

                FX           FY           FZ
     MX         MY           MZ
APPLIED     .000000     .000000   -27361.851
-6.50E-29    .000000   -6.82E-30
REACTNS   -12.859600    -1.74E-26     .000000
 .000000 -157220.304    -7.73E-26

  TOTAL      .000000    -1.74E-26     .000000
 .000000    -1.35E-09    -7.73E-26

COMB ENVOECC ------------------ MAX

                FX           FY           FZ
     MX         MY           MZ
APPLIED    12.859600     4.49E-30     .000000
 .000000  131668.209     .000000
REACTNS     .000000     .000000    22863.272
 1.62E-25    .000000     .000000

  TOTAL      5.54E-12     .000000     1.81E-10
 1.62E-25    .000000     .000000
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 TOTAL FORCE AND MOMENT AT THE ORIGIN,
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COMB ENVOECC ------------------ MIN

                FX           FY           FZ
     MX         MY           MZ
APPLIED     .000000     .000000   -22863.272
-5.00E-29    .000000   -5.24E-30
REACTNS   -12.859600    -1.46E-26     .000000
 .000000 -131668.209    -6.50E-26

  TOTAL      .000000    -1.46E-26     .000000
 .000000    -1.13E-09    -6.50E-26
Program  SAP2000  Nonlinear  Version  7.42
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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM        1 ================== LENGTH =
1.800000

LOAD        D ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -3.64E-12     .000000
.000000   8.08E-28     .000000
0.25000     .000000     56.784375    -6.88E-15
.000000     1.53E-15   -12.618281
0.50000     .000000    117.787500    -1.43E-14
.000000     6.27E-15   -51.738750
0.75000     .000000    183.009375    -2.22E-14
.000000     1.44E-14  -119.259844
1.00000     .000000    252.450000    -3.06E-14
.000000     2.63E-14  -217.080000

LOAD        L1 ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -9.09E-13     1.01E-28
.000000   2.02E-28     -9.09E-13
0.25000     .000000    -9.09E-13     1.01E-28
.000000   1.57E-28     -5.00E-13
0.50000     .000000    -9.09E-13     1.01E-28
.000000   1.11E-28     -9.09E-14
0.75000     .000000    -9.09E-13     1.01E-28
.000000   6.56E-29      3.18E-13
1.00000     .000000    -9.09E-13     1.01E-28
.000000   2.02E-29      7.28E-13

LOAD        W-LO ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -4.04E-28     .000000
.000000   -1.82E-12    -2.02E-28
0.25000     .000000     3.30E-16     2.725650
.000000   -0.605678    -7.34E-17
0.50000     .000000     6.85E-16     5.653800
.000000   -2.483460    -3.01E-16
0.75000     .000000     1.06E-15     8.784450
.000000   -5.724473    -6.93E-16
1.00000     .000000     1.47E-15    12.117600
.000000  -10.419840    -1.26E-15

LOAD        G-LO2 ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000     .000000     .000000
.000000   -1.46E-11    -1.62E-27
0.25000     .000000     .000000     .000000
.000000   -1.46E-11    -1.62E-27
0.50000     .000000     .000000     .000000
.000000   -1.46E-11    -1.62E-27
0.75000     .000000     .000000     .000000
.000000   -1.46E-11    -1.62E-27
1.00000     .000000     .000000     .000000
.000000   -1.46E-11    -1.62E-27

LOAD        E-LO ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000     .000000     .000000
.000000     .000000     .000000
0.25000     .000000     .000000     .000000
.000000     .000000     .000000
0.50000     .000000     .000000     .000000
.000000     .000000     .000000
0.75000     .000000     .000000     .000000
.000000     .000000     .000000
1.00000     .000000     .000000     .000000
.000000     .000000     .000000

LOAD        W-TR ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -19.080000     .000000    -2.02E-28
.000000   -3.03E-28     4.55E-13
0.25000   -19.080000     .000000    -2.02E-28
.000000   -2.12E-28     4.55E-13
0.50000   -19.080000     .000000    -2.02E-28
.000000   -1.21E-28     4.55E-13
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L   F O R C E S

REL DIST          P           V2           V3
       T          M2          M3
0.75000   -19.080000     .000000    -2.02E-28
.000000   -3.03E-29     4.55E-13
1.00000   -19.080000     .000000    -2.02E-28
.000000    6.06E-29     4.55E-13

LOAD        WL ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -2.27E-13     2.52E-29
.000000     .000000    -1.14E-13
0.25000     .000000    -2.27E-13     2.52E-29
.000000   -1.14E-29    -1.14E-14
0.50000     .000000    -2.27E-13     2.52E-29
.000000   -2.27E-29     9.09E-14
0.75000     .000000    -2.27E-13     2.52E-29
.000000   -3.41E-29     1.93E-13
1.00000     .000000    -2.27E-13     2.52E-29
.000000   -4.54E-29     2.96E-13

LOAD        G-TR ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -1.14E-13     .000000
.000000   1.89E-29     -5.68E-14
0.25000     .000000    -1.14E-13     .000000
.000000   1.89E-29     -5.68E-15
0.50000     .000000    -1.14E-13     .000000
.000000   1.89E-29      4.55E-14
0.75000     .000000    -1.14E-13     .000000
.000000   1.89E-29      9.66E-14
1.00000     .000000    -1.14E-13     .000000
.000000   1.89E-29      1.48E-13

LOAD        E-TR ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000     .000000     .000000
.000000     .000000     .000000
0.25000     .000000     .000000     .000000
.000000     .000000     .000000
0.50000     .000000     .000000     .000000
.000000     .000000     .000000
0.75000     .000000     .000000     .000000
.000000     .000000     .000000
1.00000     .000000     .000000     .000000
.000000     .000000     .000000

LOAD        Q1-TR ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000     8.88E-16    -9.86E-32
.000000   -1.48E-31     4.44E-16
0.25000     .000000     8.88E-16    -9.86E-32
.000000   -1.04E-31     4.44E-17
0.50000     .000000     8.88E-16    -9.86E-32
.000000   -5.92E-32    -3.55E-16
0.75000     .000000     8.88E-16    -9.86E-32
.000000   -1.48E-32    -7.55E-16
1.00000     .000000     8.88E-16    -9.86E-32
.000000    2.96E-32    -1.15E-15

LOAD        COL-TR ------------------

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000     1.78E-15    -3.94E-31
.000000   -4.93E-31     1.78E-15
0.25000     .000000     1.78E-15    -3.94E-31
.000000   -3.16E-31     9.77E-16
0.50000     .000000     1.78E-15    -3.94E-31
.000000   -1.38E-31     1.78E-16
0.75000     .000000     1.78E-15    -3.94E-31
.000000    3.94E-32    -6.22E-16
1.00000     .000000     1.78E-15    -3.94E-31
.000000    2.17E-31    -1.42E-15

COMB    SVB01 ------------------ MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -4.55E-12     1.01E-28
.000000   1.01E-27     -9.09E-13
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L   F O R C E S

REL DIST          P           V2           V3
       T          M2          M3
0.25000     .000000     56.784375    -6.88E-15
.000000     1.53E-15   -12.618281
0.50000     .000000    117.787500    -1.43E-14
.000000     6.27E-15   -51.738750
0.75000     .000000    183.009375    -2.22E-14
.000000     1.44E-14  -119.259844
1.00000     .000000    252.450000    -3.06E-14
.000000     2.63E-14  -217.080000

COMB    SVB01 ------------------ MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -4.55E-12     1.01E-28
.000000   1.01E-27     -9.09E-13
0.25000     .000000     56.784375    -6.88E-15
.000000     1.53E-15   -12.618281
0.50000     .000000    117.787500    -1.43E-14
.000000     6.27E-15   -51.738750
0.75000     .000000    183.009375    -2.22E-14
.000000     1.44E-14  -119.259844
1.00000     .000000    252.450000    -3.06E-14
.000000     2.63E-14  -217.080000

COMB    SVB02 ------------------ MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -3.64E-12     .000000
.000000   8.08E-28     .000000
0.25000     .000000     56.784375    -6.88E-15
.000000     1.53E-15   -12.618281
0.50000     .000000    117.787500    -1.43E-14
.000000     6.27E-15   -51.738750
0.75000     .000000    183.009375    -2.22E-14
.000000     1.44E-14  -119.259844
1.00000     .000000    252.450000    -3.06E-14
.000000     2.63E-14  -217.080000

COMB    SVB02 ------------------ MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -3.64E-12     .000000
.000000   8.08E-28     .000000
0.25000     .000000     56.784375    -6.88E-15
.000000     1.53E-15   -12.618281
0.50000     .000000    117.787500    -1.43E-14
.000000     6.27E-15   -51.738750
0.75000     .000000    183.009375    -2.22E-14
.000000     1.44E-14  -119.259844
1.00000     .000000    252.450000    -3.06E-14
.000000     2.63E-14  -217.080000

COMB    SVB03 ------------------ MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -3.64E-12     .000000
.000000   -1.82E-12    -2.02E-28
0.25000     .000000     56.784375    2.725650
.000000   -0.605678    -12.618281
0.50000     .000000    117.787500    5.653800
.000000   -2.483460    -51.738750
0.75000     .000000    183.009375    8.784450
.000000   -5.724473    -119.259844
1.00000     .000000    252.450000    12.117600
.000000  -10.419840    -217.080000

COMB    SVB03 ------------------ MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -3.64E-12     .000000
.000000   -1.82E-12    -2.02E-28
0.25000     .000000     56.784375    2.725650
.000000   -0.605678    -12.618281
0.50000     .000000    117.787500    5.653800
.000000   -2.483460    -51.738750
0.75000     .000000    183.009375    8.784450
.000000   -5.724473    -119.259844
1.00000     .000000    252.450000    12.117600
.000000  -10.419840    -217.080000
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L   F O R C E S

COMB    SVB04 ------------------ MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -4.55E-12     1.01E-28
.000000   -9.09E-13    -9.09E-13
0.25000     .000000     56.784375    1.362825
.000000   -0.302839    -12.618281
0.50000     .000000    117.787500    2.826900
.000000   -1.241730    -51.738750
0.75000     .000000    183.009375    4.392225
.000000   -2.862236    -119.259844
1.00000     .000000    252.450000    6.058800
.000000   -5.209920    -217.080000

COMB    SVB04 ------------------ MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -4.55E-12     1.01E-28
.000000   -9.09E-13    -9.09E-13
0.25000     .000000     56.784375    1.362825
.000000   -0.302839    -12.618281
0.50000     .000000    117.787500    2.826900
.000000   -1.241730    -51.738750
0.75000     .000000    183.009375    4.392225
.000000   -2.862236    -119.259844
1.00000     .000000    252.450000    6.058800
.000000   -5.209920    -217.080000

COMB    SVB05 ------------------ MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -3.64E-12     .000000
.000000   -9.09E-13    -1.01E-28
0.25000     .000000     56.784375    1.362825
.000000   -0.302839    -12.618281
0.50000     .000000    117.787500    2.826900
.000000   -1.241730    -51.738750
0.75000     .000000    183.009375    4.392225
.000000   -2.862236    -119.259844
1.00000     .000000    252.450000    6.058800
.000000   -5.209920    -217.080000

COMB    SVB05 ------------------ MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -3.64E-12     .000000
.000000   -9.09E-13    -1.01E-28
0.25000     .000000     56.784375    1.362825
.000000   -0.302839    -12.618281
0.50000     .000000    117.787500    2.826900
.000000   -1.241730    -51.738750
0.75000     .000000    183.009375    4.392225
.000000   -2.862236    -119.259844
1.00000     .000000    252.450000    6.058800
.000000   -5.209920    -217.080000

COMB    SVB06 ------------------ MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -4.55E-12     1.01E-28
.000000   -1.46E-11    -9.09E-13
0.25000     .000000     56.784375    -6.88E-15
.000000   -1.46E-11    -12.618281
0.50000     .000000    117.787500    -1.43E-14
.000000   -1.45E-11    -51.738750
0.75000     .000000    183.009375    -2.22E-14
.000000   -1.45E-11   -119.259844
1.00000     .000000    252.450000    -3.06E-14
.000000   -1.45E-11   -217.080000

COMB    SVB06 ------------------ MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000     .000000    -4.55E-12     1.01E-28
.000000   -1.46E-11    -9.09E-13
0.25000     .000000     56.784375    -6.88E-15
.000000   -1.46E-11    -12.618281
0.50000     .000000    117.787500    -1.43E-14
.000000   -1.45E-11    -51.738750
0.75000     .000000    183.009375    -2.22E-14
.000000   -1.45E-11   -119.259844
1.00000     .000000    252.450000    -3.06E-14
.000000   -1.45E-11   -217.080000
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L F O R C E S

COMB SVB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.55E-12	1.01E-28
.000000	1.01E-27	-9.09E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.55E-12	1.01E-28
.000000	1.01E-27	-9.09E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.46E-11	-1.62E-27	
0.25000	.000000	56.784375	-6.88E-15
.000000	-1.46E-11	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	-1.45E-11	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	-1.45E-11	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	-1.45E-11	-217.080000	

COMB SVB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.46E-11	-1.62E-27	
0.25000	.000000	56.784375	-6.88E-15
.000000	-1.46E-11	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	-1.45E-11	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	-1.45E-11	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	-1.45E-11	-217.080000	

COMB SVB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	8.08E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	8.08E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

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COMB SVB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.64E-11	-1.82E-27	
0.25000	.000000	56.784375	2.725650
.000000	-0.605678	-12.618281	
0.50000	.000000	117.787500	5.653800
.000000	-2.483460	-51.738750	
0.75000	.000000	183.009375	8.784450
.000000	-5.724473	-119.259844	
1.00000	.000000	252.450000	12.117600
.000000	-10.419840	-217.080000	

COMB SVB10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.64E-11	-1.82E-27	
0.25000	.000000	56.784375	2.725650
.000000	-0.605678	-12.618281	
0.50000	.000000	117.787500	5.653800
.000000	-2.483460	-51.738750	
0.75000	.000000	183.009375	8.784450
.000000	-5.724473	-119.259844	
1.00000	.000000	252.450000	12.117600
.000000	-10.419840	-217.080000	

COMB SVB11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.82E-12	-2.02E-28	
0.25000	.000000	56.784375	2.725650
.000000	-0.605678	-12.618281	
0.50000	.000000	117.787500	5.653800
.000000	-2.483460	-51.738750	
0.75000	.000000	183.009375	8.784450
.000000	-5.724473	-119.259844	
1.00000	.000000	252.450000	12.117600
.000000	-10.419840	-217.080000	

COMB SVB11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.82E-12	-2.02E-28	
0.25000	.000000	56.784375	2.725650
.000000	-0.605678	-12.618281	
0.50000	.000000	117.787500	5.653800
.000000	-2.483460	-51.738750	
0.75000	.000000	183.009375	8.784450
.000000	-5.724473	-119.259844	
1.00000	.000000	252.450000	12.117600
.000000	-10.419840	-217.080000	

COMB SVB12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.55E-12	1.01E-28
.000000	-1.55E-11	-9.09E-13	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

COMB SVB12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.55E-12	1.01E-28
.000000	-1.55E-11	-9.09E-13	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

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COMB SVB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.55E-12	1.01E-28
.000000	-9.09E-13	-9.09E-13	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

COMB SVB13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.55E-12	1.01E-28
.000000	-9.09E-13	-9.09E-13	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

COMB SVB14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.55E-11	-1.72E-27	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

COMB SVB14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-1.55E-11	-1.72E-27	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

COMB SVB15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-9.09E-13	-1.01E-28	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

COMB SVB15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-3.64E-12	.000000
.000000	-9.09E-13	-1.01E-28	
0.25000	.000000	56.784375	1.362825
.000000	-0.302839	-12.618281	
0.50000	.000000	117.787500	2.826900
.000000	-1.241730	-51.738750	
0.75000	.000000	183.009375	4.392225
.000000	-2.862236	-119.259844	
1.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.96E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.96E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	1.05E-27	.000000	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	1.05E-27	.000000	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	-2.36E-12	-2.63E-28	
0.25000	.000000	73.819687	3.543345
.000000	-0.787381	-16.403766	
0.50000	.000000	153.123750	7.349940
.000000	-3.228498	-67.260375	
0.75000	.000000	237.912187	11.419785
.000000	-7.441814	-155.037797	
1.00000	.000000	328.185000	15.752880
.000000	-13.545792	-282.204000	

COMB ULB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	-2.36E-12	-2.63E-28	
0.25000	.000000	73.819687	3.543345
.000000	-0.787381	-16.403766	
0.50000	.000000	153.123750	7.349940
.000000	-3.228498	-67.260375	
0.75000	.000000	237.912187	11.419785
.000000	-7.441814	-155.037797	
1.00000	.000000	328.185000	15.752880
.000000	-13.545792	-282.204000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	-1.18E-12	-1.18E-12	
0.25000	.000000	73.819687	1.771672
.000000	-0.393690	-16.403766	
0.50000	.000000	153.123750	3.674970
.000000	-1.614249	-67.260375	
0.75000	.000000	237.912187	5.709892
.000000	-3.720907	-155.037797	
1.00000	.000000	328.185000	7.876440
.000000	-6.772896	-282.204000	

COMB ULB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	-1.18E-12	-1.18E-12	
0.25000	.000000	73.819687	1.771672
.000000	-0.393690	-16.403766	
0.50000	.000000	153.123750	3.674970
.000000	-1.614249	-67.260375	
0.75000	.000000	237.912187	5.709892
.000000	-3.720907	-155.037797	
1.00000	.000000	328.185000	7.876440
.000000	-6.772896	-282.204000	

COMB ULB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	-1.18E-12	-1.31E-28	
0.25000	.000000	73.819687	1.771672
.000000	-0.393690	-16.403766	
0.50000	.000000	153.123750	3.674970
.000000	-1.614249	-67.260375	
0.75000	.000000	237.912187	5.709892
.000000	-3.720907	-155.037797	
1.00000	.000000	328.185000	7.876440
.000000	-6.772896	-282.204000	

COMB ULB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	-1.18E-12	-1.31E-28	
0.25000	.000000	73.819687	1.771672
.000000	-0.393690	-16.403766	
0.50000	.000000	153.123750	3.674970
.000000	-1.614249	-67.260375	
0.75000	.000000	237.912187	5.709892
.000000	-3.720907	-155.037797	
1.00000	.000000	328.185000	7.876440
.000000	-6.772896	-282.204000	

COMB ULB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	-1.89E-11	-1.18E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	-1.89E-11	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	-1.89E-11	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	-1.89E-11	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	-1.89E-11	-282.204000	

COMB ULB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	-1.89E-11	-1.18E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	-1.89E-11	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	-1.89E-11	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	-1.89E-11	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	-1.89E-11	-282.204000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	1.31E-27	-1.18E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	1.31E-27	-1.18E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	-1.89E-11	-2.10E-27	
0.25000	.000000	73.819687	-8.94E-15
.000000	-1.89E-11	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	-1.89E-11	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	-1.89E-11	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	-1.89E-11	-282.204000	

COMB ULB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	-1.89E-11	-2.10E-27	
0.25000	.000000	73.819687	-8.94E-15
.000000	-1.89E-11	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	-1.89E-11	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	-1.89E-11	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	-1.89E-11	-282.204000	

COMB ULB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	1.05E-27	.000000	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	.000000
.000000	1.05E-27	.000000	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.55E-12	.000000
.000000	-2.05E-11	-2.27E-27	
0.25000	.000000	70.980469	3.407062
.000000	-0.757097	-15.772852	

```
0.50000      .000000    147.234375      7.067250
.000000    -3.104325   -64.673437
0.75000      .000000    228.761719     10.980562
.000000    -7.155591  -149.074805
1.00000      .000000    315.562500     15.147000
.000000   -13.024800  -271.350000

COMB    ULB10 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.55E-12      .000000
.000000    -2.05E-11    -2.27E-27
0.25000      .000000    70.980469     3.407062
.000000    -0.757097   -15.772852
0.50000      .000000    147.234375     7.067250
.000000    -3.104325   -64.673437
0.75000      .000000    228.761719     10.980562
.000000    -7.155591  -149.074805
1.00000      .000000    315.562500     15.147000
.000000   -13.024800  -271.350000

COMB    ULB11 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.55E-12      .000000
.000000    -2.27E-12    -2.52E-28
0.25000      .000000    70.980469     3.407062
.000000    -0.757097   -15.772852
0.50000      .000000    147.234375     7.067250
.000000    -3.104325   -64.673437
0.75000      .000000    228.761719     10.980562
.000000    -7.155591  -149.074805
1.00000      .000000    315.562500     15.147000
.000000   -13.024800  -271.350000

COMB    ULB11 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.55E-12      .000000
.000000    -2.27E-12    -2.52E-28
0.25000      .000000    70.980469     3.407062
.000000    -0.757097   -15.772852
0.50000      .000000    147.234375     7.067250
.000000    -3.104325   -64.673437
0.75000      .000000    228.761719     10.980562
.000000    -7.155591  -149.074805
1.00000      .000000    315.562500     15.147000
.000000   -13.024800  -271.350000

COMB    ULB12 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.68E-12     1.26E-28
.000000    -1.93E-11    -1.14E-12
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000

COMB    ULB12 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.68E-12     1.26E-28
.000000    -1.93E-11    -1.14E-12
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000
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L   F O R C E S

COMB    ULB13 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.68E-12     1.26E-28
.000000    -1.14E-12    -1.14E-12
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000

COMB    ULB13 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.68E-12     1.26E-28
.000000    -1.14E-12    -1.14E-12
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000

COMB    ULB14 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.55E-12      .000000
.000000    -1.93E-11    -2.15E-27
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000

COMB    ULB14 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.55E-12      .000000
.000000    -1.93E-11    -2.15E-27
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000

COMB    ULB15 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.55E-12      .000000
.000000    -1.14E-12    -1.26E-28
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000

COMB    ULB15 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.55E-12      .000000
.000000    -1.14E-12    -1.26E-28
0.25000      .000000    70.980469     1.703531
.000000    -0.378548   -15.772852
0.50000      .000000    147.234375     3.533625
.000000    -1.552163   -64.673437
0.75000      .000000    228.761719     5.490281
.000000    -3.577795  -149.074805
1.00000      .000000    315.562500     7.573500
.000000    -6.512400  -271.350000
Program  SAP2000  Nonlinear  Version  7.42
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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    ULB16 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    8.08E-28     .000000
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    ULB16 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    8.08E-28     .000000
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    ULB17 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.91E-12     1.31E-28
.000000    1.31E-27    -1.18E-12
0.25000      .000000    73.819687    -8.94E-15
.000000    1.99E-15   -16.403766
0.50000      .000000    153.123750    -1.85E-14
.000000    8.15E-15   -67.260375
0.75000      .000000    237.912187    -2.88E-14
.000000    1.88E-14  -155.037797
1.00000      .000000    328.185000    -3.97E-14
.000000    3.42E-14  -282.204000

COMB    ULB17 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.91E-12     1.31E-28
.000000    1.31E-27    -1.18E-12
0.25000      .000000    73.819687    -8.94E-15
.000000    1.99E-15   -16.403766
0.50000      .000000    153.123750    -1.85E-14
.000000    8.15E-15   -67.260375
0.75000      .000000    237.912187    -2.88E-14
.000000    1.88E-14  -155.037797
1.00000      .000000    328.185000    -3.97E-14
.000000    3.42E-14  -282.204000

COMB    ULB18 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.37E-12      .000000
.000000    -2.18E-12    -2.42E-28
0.25000      .000000    68.141250     3.270780
.000000    -0.726813   -15.141937
0.50000      .000000    141.345000     6.784560
.000000    -2.980152   -62.086500
0.75000      .000000    219.611250    10.541340
.000000    -6.869367  -143.111812
1.00000      .000000    302.940000    14.541120
.000000   -12.503808  -260.496000

COMB    ULB18 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.37E-12      .000000
.000000    -2.18E-12    -2.42E-28
0.25000      .000000    68.141250     3.270780
.000000    -0.726813   -15.141937
0.50000      .000000    141.345000     6.784560
.000000    -2.980152   -62.086500
0.75000      .000000    219.611250    10.541340
.000000    -6.869367  -143.111812
1.00000      .000000    302.940000    14.541120
.000000   -12.503808  -260.496000
Program  SAP2000  Nonlinear  Version  7.42
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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    UEB01 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.59E-12     2.17E-28
.000000    1.24E-27    -1.96E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB01 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -5.59E-12     2.17E-28
.000000    1.24E-27    -1.96E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB02 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    8.08E-28     .000000
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB02 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    8.08E-28     .000000
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB03 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -2.36E-12    -2.63E-28
0.25000      .000000    56.784375     3.543345
.000000    -0.787381   -12.618281
0.50000      .000000    117.787500     7.349940
.000000    -3.228498   -51.738750
0.75000      .000000    183.009375    11.419785
.000000    -7.441814  -119.259844
1.00000      .000000    252.450000    15.752880
.000000   -13.545792  -217.080000

COMB    UEB03 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -2.36E-12    -2.63E-28
0.25000      .000000    56.784375     3.543345
.000000    -0.787381   -12.618281
0.50000      .000000    117.787500     7.349940
.000000    -3.228498   -51.738750
0.75000      .000000    183.009375    11.419785
.000000    -7.441814  -119.259844
1.00000      .000000    252.450000    15.752880
.000000   -13.545792  -217.080000
Program  SAP2000  Nonlinear  Version  7.42
                File:청도1교상행_P11_본체.OUT

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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    UEB04 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    -1.18E-12    -1.18E-12
0.25000      .000000    56.784375     1.771672
.000000    -0.393690   -12.618281
0.50000      .000000    117.787500     3.674970
.000000    -1.614249   -51.738750
0.75000      .000000    183.009375     5.709892
.000000    -3.720907  -119.259844
1.00000      .000000    252.450000     7.876440
.000000    -6.772896  -217.080000

COMB    UEB04 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    -1.18E-12    -1.18E-12
0.25000      .000000    56.784375     1.771672
.000000    -0.393690   -12.618281
0.50000      .000000    117.787500     3.674970
.000000    -1.614249   -51.738750
0.75000      .000000    183.009375     5.709892
.000000    -3.720907  -119.259844
1.00000      .000000    252.450000     7.876440
.000000    -6.772896  -217.080000

COMB    UEB05 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -1.18E-12    -1.31E-28
0.25000      .000000    56.784375     1.771672
.000000    -0.393690   -12.618281
0.50000      .000000    117.787500     3.674970
.000000    -1.614249   -51.738750
0.75000      .000000    183.009375     5.709892
.000000    -3.720907  -119.259844
1.00000      .000000    252.450000     7.876440
.000000    -6.772896  -217.080000

COMB    UEB05 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -1.18E-12    -1.31E-28
0.25000      .000000    56.784375     1.771672
.000000    -0.393690   -12.618281
0.50000      .000000    117.787500     3.674970
.000000    -1.614249   -51.738750
0.75000      .000000    183.009375     5.709892
.000000    -3.720907  -119.259844
1.00000      .000000    252.450000     7.876440
.000000    -6.772896  -217.080000

COMB    UEB06 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    -1.89E-11    -1.18E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    -1.89E-11   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    -1.89E-11   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    -1.89E-11  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    -1.89E-11  -217.080000

COMB    UEB06 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    -1.89E-11    -1.18E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    -1.89E-11   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    -1.89E-11   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    -1.89E-11  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    -1.89E-11  -217.080000

COMB    UEB07 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    1.07E-27    -1.18E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB07 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    1.07E-27    -1.18E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB08 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -1.89E-11    -2.10E-27
0.25000      .000000    56.784375    -6.88E-15
.000000    -1.89E-11   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    -1.89E-11   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    -1.89E-11  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    -1.89E-11  -217.080000

COMB    UEB08 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -1.89E-11    -2.10E-27
0.25000      .000000    56.784375    -6.88E-15
.000000    -1.89E-11   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    -1.89E-11   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    -1.89E-11  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    -1.89E-11  -217.080000

COMB    UEB09 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    8.08E-28     .000000
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000
Program  SAP2000  Nonlinear  Version  7.42
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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    UEB07 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    1.07E-27    -1.18E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB07 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -4.82E-12     1.31E-28
.000000    1.07E-27    -1.18E-12
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000

COMB    UEB08 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -1.89E-11    -2.10E-27
0.25000      .000000    56.784375    -6.88E-15
.000000    -1.89E-11   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    -1.89E-11   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    -1.89E-11  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    -1.89E-11  -217.080000

COMB    UEB08 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    -1.89E-11    -2.10E-27
0.25000      .000000    56.784375    -6.88E-15
.000000    -1.89E-11   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    -1.89E-11   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    -1.89E-11  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    -1.89E-11  -217.080000

COMB    UEB09 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.64E-12      .000000
.000000    8.08E-28     .000000
0.25000      .000000    56.784375    -6.88E-15
.000000    1.53E-15   -12.618281
0.50000      .000000    117.787500    -1.43E-14
.000000    6.27E-15   -51.738750
0.75000      .000000    183.009375    -2.22E-14
.000000    1.44E-14  -119.259844
1.00000      .000000    252.450000    -3.06E-14
.000000    2.63E-14  -217.080000
Program  SAP2000  Nonlinear  Version  7.42
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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    UEB10 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000      .000000    -3.46E-12      .000000
.000000    -2.05E-11    -2.27E-27
0.25000      .000000    53.945156     3.407062
.000000    -0.757097   -11.987367
0.50000      .000000    111.898125     7.067250
.000000    -3.104325   -49.151812
0.75000      .000000    173.858906    10.980562
.000000    -7.155591  -113.296852
1.00000      .000000    239.827500    15.147000
.000000   -13.024800  -206.226000

COMB    UEB10 ------------------ MIN

REL DIST          P          V2          V3
```

T	M2	M3	
0.00000	.000000	-3.46E-12	.000000
.000000	-2.05E-11	-2.27E-27	
0.25000	.000000	53.945156	3.407062
.000000	-0.757097	-11.987367	
0.50000	.000000	111.898125	7.067250
.000000	-3.104325	-49.151812	
0.75000	.000000	173.858906	10.980562
.000000	-7.155591	-113.296852	
1.00000	.000000	239.827500	15.147000
.000000	-13.024800	-206.226000	

COMB UEB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.46E-12	.000000
.000000	-2.27E-12	-2.52E-28	
0.25000	.000000	53.945156	3.407062
.000000	-0.757097	-11.987367	
0.50000	.000000	111.898125	7.067250
.000000	-3.104325	-49.151812	
0.75000	.000000	173.858906	10.980562
.000000	-7.155591	-113.296852	
1.00000	.000000	239.827500	15.147000
.000000	-13.024800	-206.226000	

COMB UEB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.46E-12	.000000
.000000	-2.27E-12	-2.52E-28	
0.25000	.000000	53.945156	3.407062
.000000	-0.757097	-11.987367	
0.50000	.000000	111.898125	7.067250
.000000	-3.104325	-49.151812	
0.75000	.000000	173.858906	10.980562
.000000	-7.155591	-113.296852	
1.00000	.000000	239.827500	15.147000
.000000	-13.024800	-206.226000	

COMB UEB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.59E-12	1.26E-28
.000000	-1.93E-11	-1.14E-12	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

COMB UEB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.59E-12	1.26E-28
.000000	-1.93E-11	-1.14E-12	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.59E-12	1.26E-28
.000000	-1.14E-12	-1.14E-12	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

COMB UEB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.59E-12	1.26E-28
.000000	-1.14E-12	-1.14E-12	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

COMB UEB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.46E-12	.000000
.000000	-1.93E-11	-2.15E-27	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

COMB UEB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.46E-12	.000000
.000000	-1.93E-11	-2.15E-27	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

COMB UEB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.46E-12	.000000
.000000	-1.14E-12	-1.26E-28	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

COMB UEB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.46E-12	.000000
.000000	-1.14E-12	-1.26E-28	
0.25000	.000000	53.945156	1.703531
.000000	-0.378548	-11.987367	
0.50000	.000000	111.898125	3.533625
.000000	-1.552163	-49.151812	
0.75000	.000000	173.858906	5.490281
.000000	-3.577795	-113.296852	
1.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	.000000
.000000	8.08E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	.000000
.000000	8.08E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.82E-12	1.31E-28
.000000	1.07E-27	-1.18E-12	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.82E-12	1.31E-28
.000000	1.07E-27	-1.18E-12	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.27E-12	.000000
.000000	-2.18E-12	-2.42E-28	
0.25000	.000000	51.105937	3.270780
.000000	-0.726813	-11.356453	
0.50000	.000000	106.008750	6.784560
.000000	-2.980152	-46.564875	
0.75000	.000000	164.708437	10.541340
.000000	-6.869367	-107.333859	
1.00000	.000000	227.205000	14.541120
.000000	-12.503808	-195.372000	

COMB UEB18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.27E-12	.000000
.000000	-2.18E-12	-2.42E-28	
0.25000	.000000	51.105937	3.270780
.000000	-0.726813	-11.356453	
0.50000	.000000	106.008750	6.784560
.000000	-2.980152	-46.564875	
0.75000	.000000	164.708437	10.541340
.000000	-6.869367	-107.333859	
1.00000	.000000	227.205000	14.541120
.000000	-12.503808	-195.372000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.55E-12	1.01E-28
.000000	1.01E-27	-9.09E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.55E-12	1.01E-28
.000000	1.01E-27	-9.09E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	-9.86E-32
.000000	8.08E-28	4.44E-16	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	-9.86E-32
.000000	8.08E-28	4.44E-16	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	-3.64E-12	-2.02E-28
.000000	5.05E-28	4.55E-13	
0.25000	-19.080000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-19.080000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-19.080000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	-3.64E-12	-2.02E-28
.000000	5.05E-28	4.55E-13	
0.25000	-19.080000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-19.080000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-19.080000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	-4.77E-12	2.51E-29
.000000	8.58E-28	-7.95E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	-4.77E-12	2.51E-29
.000000	8.58E-28	-7.95E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	-3.86E-12	-7.58E-29
.000000	6.56E-28	1.14E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	-3.86E-12	-7.58E-29
.000000	6.56E-28	1.14E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.66E-12	1.01E-28
.000000	1.03E-27	-9.66E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.66E-12	1.01E-28
.000000	1.03E-27	-9.66E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.55E-12	1.01E-28
.000000	1.01E-27	-9.09E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.55E-12	1.01E-28
.000000	1.01E-27	-9.09E-13	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.75E-12	-9.86E-32
.000000	8.27E-28	-5.64E-14	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.75E-12	-9.86E-32
.000000	8.27E-28	-5.64E-14	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	-9.86E-32
.000000	8.08E-28	4.44E-16	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	-9.86E-32
.000000	8.08E-28	4.44E-16	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	-3.75E-12	-2.02E-28
.000000	5.24E-28	3.98E-13	
0.25000	-19.080000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-19.080000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-19.080000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	-3.75E-12	-2.02E-28
.000000	5.24E-28	3.98E-13	
0.25000	-19.080000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-19.080000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-19.080000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-19.080000	252.450000	-3.06E-14

.000000 2.63E-14 -217.080000

COMB SVO11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-19.080000	-3.64E-12	-2.02E-28
.000000	5.05E-28	4.55E-13	
0.25000	-19.080000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-19.080000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-19.080000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-19.080000	-3.64E-12	-2.02E-28
.000000	5.05E-28	4.55E-13	
0.25000	-19.080000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-19.080000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-19.080000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-4.89E-12	2.51E-29
.000000	8.77E-28	-8.52E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-4.89E-12	2.51E-29
.000000	8.77E-28	-8.52E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-4.77E-12	2.51E-29
.000000	8.58E-28	-7.95E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-4.77E-12	2.51E-29
.000000	8.58E-28	-7.95E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-3.98E-12	-7.58E-29
.000000	6.75E-28	5.73E-14	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-3.98E-12	-7.58E-29
.000000	6.75E-28	5.73E-14	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-3.86E-12	-7.58E-29
.000000	6.56E-28	1.14E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB SVO15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	-3.86E-12	-7.58E-29
.000000	6.56E-28	1.14E-13	
0.25000	-9.540000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	-9.540000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	-9.540000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

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COMB ULO01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.95E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.95E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	-1.28E-31
.000000	1.05E-27	5.77E-16	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	-1.28E-31
.000000	1.05E-27	5.77E-16	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-24.804000	-4.73E-12	-2.63E-28
.000000	6.56E-28	5.92E-13	
0.25000	-24.804000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	-24.804000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	-24.804000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	-24.804000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-24.804000	-4.73E-12	-2.63E-28
.000000	6.56E-28	5.92E-13	
0.25000	-24.804000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	-24.804000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	-24.804000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	-24.804000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

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COMB ULO04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	-6.21E-12	3.27E-29
.000000	1.12E-27	-1.03E-12	
0.25000	-12.402000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	-12.402000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	-12.402000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	-6.21E-12	3.27E-29
.000000	1.12E-27	-1.03E-12	
0.25000	-12.402000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	-12.402000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	-12.402000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	-5.02E-12	-9.86E-29
.000000	8.53E-28	1.48E-13	
0.25000	-12.402000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	-12.402000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	-12.402000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	-5.02E-12	-9.86E-29
.000000	8.53E-28	1.48E-13	
0.25000	-12.402000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	-12.402000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	-12.402000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-6.06E-12	1.31E-28
.000000	1.34E-27	-1.26E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-6.06E-12	1.31E-28
.000000	1.34E-27	-1.26E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

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COMB ULO07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	1.31E-27	-1.18E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-5.91E-12	1.31E-28
.000000	1.31E-27	-1.18E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.88E-12	-1.28E-31
.000000	1.07E-27	-7.33E-14	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.88E-12	-1.28E-31
.000000	1.07E-27	-7.33E-14	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	-1.28E-31
.000000	1.05E-27	5.77E-16	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ULO09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-4.73E-12	-1.28E-31
.000000	1.05E-27	5.77E-16	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

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COMB ULO10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	-4.69E-12	-2.53E-28
.000000	6.55E-28	4.98E-13	
0.25000	-23.850000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-23.850000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-23.850000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

COMB ULO10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	-4.69E-12	-2.53E-28
.000000	6.55E-28	4.98E-13	
0.25000	-23.850000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-23.850000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-23.850000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

COMB ULO11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	-4.55E-12	-2.53E-28
.000000	6.31E-28	5.69E-13	
0.25000	-23.850000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-23.850000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-23.850000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

COMB ULO11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	-4.55E-12	-2.53E-28
.000000	6.31E-28	5.69E-13	
0.25000	-23.850000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-23.850000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-23.850000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

COMB ULO12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	-6.11E-12	3.14E-29
.000000	1.10E-27	-1.07E-12	
0.25000	-11.925000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-11.925000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-11.925000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

COMB ULO12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	-6.11E-12	3.14E-29
.000000	1.10E-27	-1.07E-12	
0.25000	-11.925000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-11.925000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-11.925000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

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COMB ULO13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	-5.97E-12	3.14E-29
.000000	1.07E-27	-9.94E-13	
0.25000	-11.925000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-11.925000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-11.925000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

COMB ULO13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	-5.97E-12	3.14E-29
.000000	1.07E-27	-9.94E-13	
0.25000	-11.925000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	
0.50000	-11.925000	147.234375	-1.78E-14
.000000	7.83E-15	-64.673437	
0.75000	-11.925000	228.761719	-2.77E-14
.000000	1.81E-14	-149.074805	
1.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	

COMB ULO14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	-4.97E-12	-9.48E-29
.000000	8.44E-28	7.16E-14	
0.25000	-11.925000	70.980469	-8.60E-15
.000000	1.91E-15	-15.772852	

```
0.50000   -11.925000   147.234375   -1.78E-14
 .000000    7.83E-15   -64.673437
0.75000   -11.925000   228.761719   -2.77E-14
 .000000    1.81E-14  -149.074805
1.00000   -11.925000   315.562500   -3.82E-14
 .000000    3.29E-14  -271.350000

COMB    ULO14 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -4.97E-12   -9.48E-29
 .000000    8.44E-28     7.16E-14
0.25000   -11.925000    70.980469   -8.60E-15
 .000000    1.91E-15   -15.772852
0.50000   -11.925000   147.234375   -1.78E-14
 .000000    7.83E-15   -64.673437
0.75000   -11.925000   228.761719   -2.77E-14
 .000000    1.81E-14  -149.074805
1.00000   -11.925000   315.562500   -3.82E-14
 .000000    3.29E-14  -271.350000

COMB    ULO15 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -4.83E-12   -9.48E-29
 .000000    8.20E-28     1.43E-13
0.25000   -11.925000    70.980469   -8.60E-15
 .000000    1.91E-15   -15.772852
0.50000   -11.925000   147.234375   -1.78E-14
 .000000    7.83E-15   -64.673437
0.75000   -11.925000   228.761719   -2.77E-14
 .000000    1.81E-14  -149.074805
1.00000   -11.925000   315.562500   -3.82E-14
 .000000    3.29E-14  -271.350000

COMB    ULO15 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -4.83E-12   -9.48E-29
 .000000    8.20E-28     1.43E-13
0.25000   -11.925000    70.980469   -8.60E-15
 .000000    1.91E-15   -15.772852
0.50000   -11.925000   147.234375   -1.78E-14
 .000000    7.83E-15   -64.673437
0.75000   -11.925000   228.761719   -2.77E-14
 .000000    1.81E-14  -149.074805
1.00000   -11.925000   315.562500   -3.82E-14
 .000000    3.29E-14  -271.350000
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L   F O R C E S

COMB    ULO16 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.64E-12   -9.86E-32
 .000000    8.08E-28     4.44E-16
0.25000    .000000     56.784375   -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    ULO16 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.64E-12   -9.86E-32
 .000000    8.08E-28     4.44E-16
0.25000    .000000     56.784375   -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    ULO17 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -5.91E-12    1.31E-28
 .000000    1.31E-27     -1.18E-12
0.25000    .000000     73.819687    -8.94E-15
 .000000    1.99E-15   -16.403766
0.50000    .000000     153.123750   -1.85E-14
 .000000    8.15E-15   -67.260375
0.75000    .000000     237.912187   -2.88E-14
 .000000    1.88E-14  -155.037797
1.00000    .000000     328.185000   -3.97E-14
 .000000    3.42E-14  -282.204000

COMB    ULO17 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -5.91E-12    1.31E-28
 .000000    1.31E-27     -1.18E-12
0.25000    .000000     73.819687    -8.94E-15
 .000000    1.99E-15   -16.403766
0.50000    .000000     153.123750   -1.85E-14
 .000000    8.15E-15   -67.260375
0.75000    .000000     237.912187   -2.88E-14
 .000000    1.88E-14  -155.037797
1.00000    .000000     328.185000   -3.97E-14
 .000000    3.42E-14  -282.204000

COMB    ULO18 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -22.896000    -4.36E-12   -2.42E-28
 .000000    6.06E-28     5.46E-13
0.25000   -22.896000    68.141250   -8.25E-15
 .000000    1.83E-15   -15.141937
0.50000   -22.896000    141.345000   -1.71E-14
 .000000    7.52E-15   -62.086500
0.75000   -22.896000    219.611250   -2.66E-14
 .000000    1.73E-14  -143.111812
1.00000   -22.896000    302.940000   -3.67E-14
 .000000    3.15E-14  -260.496000

COMB    ULO18 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -22.896000    -4.36E-12   -2.42E-28
 .000000    6.06E-28     5.46E-13
0.25000   -22.896000    68.141250   -8.25E-15
 .000000    1.83E-15   -15.141937
0.50000   -22.896000    141.345000   -1.71E-14
 .000000    7.52E-15   -62.086500
0.75000   -22.896000    219.611250   -2.66E-14
 .000000    1.73E-14  -143.111812
1.00000   -22.896000    302.940000   -3.67E-14
 .000000    3.15E-14  -260.496000
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L   F O R C E S

COMB    UEO01 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -5.59E-12    2.17E-28
 .000000    1.24E-27     -1.95E-12
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO01 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -5.59E-12    2.17E-28
 .000000    1.24E-27     -1.95E-12
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO02 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.64E-12   -1.28E-31
 .000000    8.08E-28     5.77E-16
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO02 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.64E-12   -1.28E-31
 .000000    8.08E-28     5.77E-16
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO03 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -24.804000    -3.64E-12   -2.63E-28
 .000000    4.14E-28     5.92E-13
0.25000   -24.804000    56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000   -24.804000    117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000   -24.804000    183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000   -24.804000    252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO03 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -24.804000    -3.64E-12   -2.63E-28
 .000000    4.14E-28     5.92E-13
0.25000   -24.804000    56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000   -24.804000    117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000   -24.804000    183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000   -24.804000    252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000
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L   F O R C E S

COMB    UEO04 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -12.402000    -5.11E-12    3.27E-29
 .000000    8.73E-28     -1.03E-12
0.25000   -12.402000    56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000   -12.402000    117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000   -12.402000    183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000   -12.402000    252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO04 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -12.402000    -5.11E-12    3.27E-29
 .000000    8.73E-28     -1.03E-12
0.25000   -12.402000    56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000   -12.402000    117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000   -12.402000    183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000   -12.402000    252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO05 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -12.402000    -3.93E-12   -9.86E-29
 .000000    6.11E-28     1.48E-13
0.25000   -12.402000    56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000   -12.402000    117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000   -12.402000    183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000   -12.402000    252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO05 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -12.402000    -3.93E-12   -9.86E-29
 .000000    6.11E-28     1.48E-13
0.25000   -12.402000    56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000   -12.402000    117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000   -12.402000    183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000   -12.402000    252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO06 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -4.97E-12    1.31E-28
 .000000    1.09E-27     -1.26E-12
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO06 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -4.97E-12    1.31E-28
 .000000    1.09E-27     -1.26E-12
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000
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L   F O R C E S

COMB    UEO07 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -4.82E-12    1.31E-28
 .000000    1.07E-27     -1.18E-12
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO07 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -4.82E-12    1.31E-28
 .000000    1.07E-27     -1.18E-12
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO08 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.78E-12   -1.28E-31
 .000000    8.32E-28     -7.33E-14
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO08 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.78E-12   -1.28E-31
 .000000    8.32E-28     -7.33E-14
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO09 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.64E-12   -1.28E-31
 .000000    8.08E-28     5.77E-16
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000

COMB    UEO09 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    .000000     -3.64E-12   -1.28E-31
 .000000    8.08E-28     5.77E-16
0.25000    .000000     56.784375    -6.88E-15
 .000000    1.53E-15   -12.618281
0.50000    .000000     117.787500   -1.43E-14
 .000000    6.27E-15   -51.738750
0.75000    .000000     183.009375   -2.22E-14
 .000000    1.44E-14  -119.259844
1.00000    .000000     252.450000   -3.06E-14
 .000000    2.63E-14  -217.080000
Program  SAP2000  Nonlinear  Version  7.42
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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    UEO10 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -23.850000    -3.60E-12   -2.53E-28
 .000000    4.12E-28     4.98E-13
0.25000   -23.850000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -23.850000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -23.850000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -23.850000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO10 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -23.850000    -3.60E-12   -2.53E-28
 .000000    4.12E-28     4.98E-13
0.25000   -23.850000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -23.850000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -23.850000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -23.850000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO11 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -23.850000    -3.45E-12   -2.53E-28
 .000000    3.89E-28     5.69E-13
0.25000   -23.850000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -23.850000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -23.850000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -23.850000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO11 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -23.850000    -3.45E-12   -2.53E-28
 .000000    3.89E-28     5.69E-13
0.25000   -23.850000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -23.850000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -23.850000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -23.850000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO12 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -5.02E-12    3.14E-29
 .000000    8.54E-28     -1.07E-12
0.25000   -11.925000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -11.925000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -11.925000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -11.925000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO12 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -5.02E-12    3.14E-29
 .000000    8.54E-28     -1.07E-12
0.25000   -11.925000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -11.925000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -11.925000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -11.925000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000
Program  SAP2000  Nonlinear  Version  7.42
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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    UEO13 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -4.88E-12    3.14E-29
 .000000    8.30E-28     -9.94E-13
0.25000   -11.925000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -11.925000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -11.925000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -11.925000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO13 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -4.88E-12    3.14E-29
 .000000    8.30E-28     -9.94E-13
0.25000   -11.925000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -11.925000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -11.925000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -11.925000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO14 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -11.925000    -3.88E-12   -9.48E-29
 .000000    6.02E-28     7.16E-14
0.25000   -11.925000    53.945156    -6.53E-15
 .000000    1.45E-15   -11.987367
0.50000   -11.925000    111.898125   -1.36E-14
 .000000    5.95E-15   -49.151812
0.75000   -11.925000    173.858906   -2.11E-14
 .000000    1.37E-14  -113.296852
1.00000   -11.925000    239.827500   -2.90E-14
 .000000    2.50E-14  -206.226000

COMB    UEO14 ------------------ MIN

REL DIST          P          V2          V3
```

T	M2	M3	
0.00000	-11.925000	-3.88E-12	-9.48E-29
.000000	6.02E-28	7.16E-14	
0.25000	-11.925000	53.945156	-6.53E-15
.000000	1.45E-15	-11.987367	
0.50000	-11.925000	111.898125	-1.36E-14
.000000	5.95E-15	-49.151812	
0.75000	-11.925000	173.858906	-2.11E-14
.000000	1.37E-14	-113.296852	
1.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	

COMB UEO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.925000	-3.74E-12	-9.48E-29
.000000	5.78E-28	1.43E-13	
0.25000	-11.925000	53.945156	-6.53E-15
.000000	1.45E-15	-11.987367	
0.50000	-11.925000	111.898125	-1.36E-14
.000000	5.95E-15	-49.151812	
0.75000	-11.925000	173.858906	-2.11E-14
.000000	1.37E-14	-113.296852	
1.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	

COMB UEO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.925000	-3.74E-12	-9.48E-29
.000000	5.78E-28	1.43E-13	
0.25000	-11.925000	53.945156	-6.53E-15
.000000	1.45E-15	-11.987367	
0.50000	-11.925000	111.898125	-1.36E-14
.000000	5.95E-15	-49.151812	
0.75000	-11.925000	173.858906	-2.11E-14
.000000	1.37E-14	-113.296852	
1.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	-9.86E-32
.000000	8.08E-28	4.44E-16	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	-9.86E-32
.000000	8.08E-28	4.44E-16	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.82E-12	1.31E-28
.000000	1.07E-27	-1.18E-12	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-4.82E-12	1.31E-28
.000000	1.07E-27	-1.18E-12	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.896000	-3.27E-12	-2.42E-28
.000000	3.63E-28	5.46E-13	
0.25000	-22.896000	51.105937	-6.19E-15
.000000	1.38E-15	-11.356453	
0.50000	-22.896000	106.008750	-1.28E-14
.000000	5.64E-15	-46.564875	
0.75000	-22.896000	164.708437	-1.99E-14
.000000	1.30E-14	-107.333859	
1.00000	-22.896000	227.205000	-2.75E-14
.000000	2.37E-14	-195.372000	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.896000	-3.27E-12	-2.42E-28
.000000	3.63E-28	5.46E-13	
0.25000	-22.896000	51.105937	-6.19E-15
.000000	1.38E-15	-11.356453	
0.50000	-22.896000	106.008750	-1.28E-14
.000000	5.64E-15	-46.564875	
0.75000	-22.896000	164.708437	-1.99E-14
.000000	1.30E-14	-107.333859	
1.00000	-22.896000	227.205000	-2.75E-14
.000000	2.37E-14	-195.372000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.96E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ENVBULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.96E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ENVBECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	2.17E-28
.000000	1.24E-27	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-5.59E-12	.000000
.000000	8.08E-28	-1.96E-12	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.95E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-6.68E-12	2.17E-28
.000000	1.48E-27	-1.95E-12	
0.25000	.000000	73.819687	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912187	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-3.64E-12	2.17E-28
.000000	1.24E-27	5.77E-16	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-5.59E-12	-1.28E-31
.000000	8.08E-28	-1.95E-12	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

ELEM 2 ========== LENGTH = 0.125000

LOAD D ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

LOAD L1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	2.91E-11	-3.23E-27
.000000	.000000	3.64E-12	
0.25000	.000000	2.91E-11	-3.23E-27
.000000	1.01E-28	2.73E-12	
0.50000	.000000	2.91E-11	-3.23E-27
.000000	2.02E-28	1.82E-12	
0.75000	.000000	2.91E-11	-3.23E-27
.000000	3.03E-28	9.09E-13	
1.00000	.000000	2.91E-11	-3.23E-27
.000000	4.04E-28	.000000	

LOAD W-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	1.47E-15	12.117600
.000000	-10.419840	-1.26E-15	
0.25000	.000000	1.50E-15	12.356100
.000000	-10.802242	-1.31E-15	
0.50000	.000000	1.53E-15	12.594600
.000000	-11.192096	-1.36E-15	
0.75000	.000000	1.55E-15	12.833100
.000000	-11.589404	-1.40E-15	
1.00000	.000000	1.58E-15	13.071600
.000000	-11.994165	-1.45E-15	

LOAD G-LO2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	-4.66E-10
.000000	.000000	.000000	
0.25000	.000000	.000000	-4.66E-10
.000000	1.46E-11	.000000	
0.50000	.000000	.000000	-4.66E-10
.000000	2.91E-11	.000000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	.000000	.000000	-4.66E-10
.000000	4.37E-11	.000000	
1.00000	.000000	.000000	-4.66E-10
.000000	5.82E-11	.000000	

LOAD E-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	-1.46E-11	3.23E-27
.000000	.000000	-1.46E-11	
0.25000	-19.080000	-1.46E-11	3.23E-27
.000000	-1.01E-28	-1.41E-11	
0.50000	-19.080000	-1.46E-11	3.23E-27
.000000	-2.02E-28	-1.36E-11	
0.75000	-19.080000	-1.46E-11	3.23E-27
.000000	-3.03E-28	-1.32E-11	
1.00000	-19.080000	-1.46E-11	3.23E-27
.000000	-4.04E-28	-1.27E-11	

LOAD WL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-1.82E-12	4.04E-28
.000000	.000000	-1.82E-12	
0.25000	.000000	-1.82E-12	4.04E-28
.000000	-1.26E-29	-1.76E-12	
0.50000	.000000	-1.82E-12	4.04E-28
.000000	-2.52E-29	-1.71E-12	
0.75000	.000000	-1.82E-12	4.04E-28
.000000	-3.79E-29	-1.65E-12	
1.00000	.000000	-1.82E-12	4.04E-28
.000000	-5.05E-29	-1.59E-12	

LOAD G-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	1.82E-12	.000000
.000000	-2.02E-28	1.82E-12	
0.25000	.000000	1.82E-12	.000000
.000000	-2.02E-28	1.76E-12	
0.50000	.000000	1.82E-12	.000000
.000000	-2.02E-28	1.71E-12	
0.75000	.000000	1.82E-12	.000000
.000000	-2.02E-28	1.65E-12	
1.00000	.000000	1.82E-12	.000000
.000000	-2.02E-28	1.59E-12	

LOAD E-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-7.11E-15	.000000
.000000	.000000	-7.11E-15	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	.000000	-7.11E-15	.000000
.000000	.000000	-6.88E-15	
0.50000	.000000	-7.11E-15	.000000
.000000	.000000	-6.66E-15	
0.75000	.000000	-7.11E-15	.000000
.000000	.000000	-6.44E-15	
1.00000	.000000	-7.11E-15	.000000
.000000	.000000	-6.22E-15	

LOAD COL-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-2.84E-14	6.31E-30
.000000	.000000	-1.42E-14	
0.25000	.000000	-2.84E-14	6.31E-30
.000000	-1.97E-31	-1.33E-14	
0.50000	.000000	-2.84E-14	6.31E-30
.000000	-3.94E-31	-1.24E-14	
0.75000	.000000	-2.84E-14	6.31E-30
.000000	-5.92E-31	-1.15E-14	
1.00000	.000000	-2.84E-14	6.31E-30
.000000	-7.89E-31	-1.07E-14	

COMB SVB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	12.117600
.000000	-10.419840	-217.080000	
0.25000	.000000	257.418750	12.356100
.000000	-10.802242	-225.046699	
0.50000	.000000	262.387500	12.594600
.000000	-11.192096	-233.168672	
0.75000	.000000	267.356250	12.833100
.000000	-11.589404	-241.445918	
1.00000	.000000	272.325000	13.071600
.000000	-11.994165	-249.878438	

COMB SVB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	12.117600
.000000	-10.419840	-217.080000	
0.25000	.000000	257.418750	12.356100
.000000	-10.802242	-225.046699	
0.50000	.000000	262.387500	12.594600
.000000	-11.192096	-233.168672	
0.75000	.000000	267.356250	12.833100
.000000	-11.589404	-241.445918	
1.00000	.000000	272.325000	13.071600
.000000	-11.994165	-249.878438	

COMB SVB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	
0.25000	.000000	257.418750	6.178050
.000000	-5.401121	-225.046699	
0.50000	.000000	262.387500	6.297300
.000000	-5.596048	-233.168672	
0.75000	.000000	267.356250	6.416550
.000000	-5.794702	-241.445918	
1.00000	.000000	272.325000	6.535800
.000000	-5.997082	-249.878438	

COMB SVB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	6.058800
.000000	-5.209920	-217.080000	
0.25000	.000000	257.418750	6.178050
.000000	-5.401121	-225.046699	
0.50000	.000000	262.387500	6.297300
.000000	-5.596048	-233.168672	
0.75000	.000000	267.356250	6.416550
.000000	-5.794702	-241.445918	
1.00000	.000000	272.325000	6.535800
.000000	-5.997082	-249.878438	

COMB SVB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	

0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB SVB05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438
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L F O R C E S

COMB SVB06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -4.66E-10
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -4.66E-10
.000000 1.46E-11 -225.046699
0.50000 .000000 262.387500 -4.66E-10
.000000 2.91E-11 -233.168672
0.75000 .000000 267.356250 -4.66E-10
.000000 4.37E-11 -241.445918
1.00000 .000000 272.325000 -4.66E-10
.000000 5.82E-11 -249.878438

COMB SVB06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -4.66E-10
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -4.66E-10
.000000 1.46E-11 -225.046699
0.50000 .000000 262.387500 -4.66E-10
.000000 2.91E-11 -233.168672
0.75000 .000000 267.356250 -4.66E-10
.000000 4.37E-11 -241.445918
1.00000 .000000 272.325000 -4.66E-10
.000000 5.82E-11 -249.878438

COMB SVB07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -3.06E-14
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -3.12E-14
.000000 2.73E-14 -225.046699
0.50000 .000000 262.387500 -3.18E-14
.000000 2.82E-14 -233.168672
0.75000 .000000 267.356250 -3.24E-14
.000000 2.92E-14 -241.445918
1.00000 .000000 272.325000 -3.30E-14
.000000 3.03E-14 -249.878438

COMB SVB07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -3.06E-14
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -3.12E-14
.000000 2.73E-14 -225.046699
0.50000 .000000 262.387500 -3.18E-14
.000000 2.82E-14 -233.168672
0.75000 .000000 267.356250 -3.24E-14
.000000 2.92E-14 -241.445918
1.00000 .000000 272.325000 -3.30E-14
.000000 3.03E-14 -249.878438

COMB SVB08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -4.66E-10
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -4.66E-10
.000000 1.46E-11 -225.046699
0.50000 .000000 262.387500 -4.66E-10
.000000 2.91E-11 -233.168672
0.75000 .000000 267.356250 -4.66E-10
.000000 4.37E-11 -241.445918
1.00000 .000000 272.325000 -4.66E-10
.000000 5.82E-11 -249.878438

COMB SVB08 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -4.66E-10
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -4.66E-10
.000000 1.46E-11 -225.046699
0.50000 .000000 262.387500 -4.66E-10
.000000 2.91E-11 -233.168672
0.75000 .000000 267.356250 -4.66E-10
.000000 4.37E-11 -241.445918
1.00000 .000000 272.325000 -4.66E-10
.000000 5.82E-11 -249.878438
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L F O R C E S

COMB SVB09 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -3.06E-14
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -3.12E-14
.000000 2.73E-14 -225.046699
0.50000 .000000 262.387500 -3.18E-14
.000000 2.82E-14 -233.168672
0.75000 .000000 267.356250 -3.24E-14
.000000 2.92E-14 -241.445918
1.00000 .000000 272.325000 -3.30E-14
.000000 3.03E-14 -249.878438

COMB SVB09 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 -3.06E-14
.000000 2.63E-14 -217.080000
0.25000 .000000 257.418750 -3.12E-14
.000000 2.73E-14 -225.046699
0.50000 .000000 262.387500 -3.18E-14
.000000 2.82E-14 -233.168672
0.75000 .000000 267.356250 -3.24E-14
.000000 2.92E-14 -241.445918
1.00000 .000000 272.325000 -3.30E-14
.000000 3.03E-14 -249.878438

COMB SVB10 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 12.117600
.000000 -10.419840 -217.080000
0.25000 .000000 257.418750 12.356100
.000000 -10.802242 -225.046699
0.50000 .000000 262.387500 12.594600
.000000 -11.192096 -233.168672
0.75000 .000000 267.356250 12.833100
.000000 -11.589404 -241.445918
1.00000 .000000 272.325000 13.071600
.000000 -11.994165 -249.878438

COMB SVB10 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 12.117600
.000000 -10.419840 -217.080000
0.25000 .000000 257.418750 12.356100
.000000 -10.802242 -225.046699
0.50000 .000000 262.387500 12.594600
.000000 -11.192096 -233.168672
0.75000 .000000 267.356250 12.833100
.000000 -11.589404 -241.445918
1.00000 .000000 272.325000 13.071600
.000000 -11.994165 -249.878438

COMB SVB11 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 12.117600
.000000 -10.419840 -217.080000
0.25000 .000000 257.418750 12.356100
.000000 -10.802242 -225.046699
0.50000 .000000 262.387500 12.594600
.000000 -11.192096 -233.168672
0.75000 .000000 267.356250 12.833100
.000000 -11.589404 -241.445918
1.00000 .000000 272.325000 13.071600
.000000 -11.994165 -249.878438

COMB SVB11 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 12.117600
.000000 -10.419840 -217.080000
0.25000 .000000 257.418750 12.356100
.000000 -10.802242 -225.046699
0.50000 .000000 262.387500 12.594600
.000000 -11.192096 -233.168672
0.75000 .000000 267.356250 12.833100
.000000 -11.589404 -241.445918
1.00000 .000000 272.325000 13.071600
.000000 -11.994165 -249.878438
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L F O R C E S

COMB SVB12 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB SVB12 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB SVB13 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB SVB13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB SVB14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB SVB14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438
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L F O R C E S

COMB SVB15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB SVB15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 252.450000 6.058800
.000000 -5.209920 -217.080000
0.25000 .000000 257.418750 6.178050
.000000 -5.401121 -225.046699
0.50000 .000000 262.387500 6.297300
.000000 -5.596048 -233.168672
0.75000 .000000 267.356250 6.416550
.000000 -5.794702 -241.445918
1.00000 .000000 272.325000 6.535800
.000000 -5.997082 -249.878438

COMB ULB01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -3.97E-14
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -4.05E-14
.000000 3.54E-14 -292.560709
0.50000 .000000 341.103750 -4.13E-14
.000000 3.67E-14 -303.119273
0.75000 .000000 347.563125 -4.21E-14
.000000 3.80E-14 -313.879693
1.00000 .000000 354.022500 -4.29E-14
.000000 3.93E-14 -324.841969

COMB ULB01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -3.97E-14
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -4.05E-14
.000000 3.54E-14 -292.560709
0.50000 .000000 341.103750 -4.13E-14
.000000 3.67E-14 -303.119273
0.75000 .000000 347.563125 -4.21E-14
.000000 3.80E-14 -313.879693
1.00000 .000000 354.022500 -4.29E-14
.000000 3.93E-14 -324.841969

COMB ULB02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -3.97E-14
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -4.05E-14
.000000 3.54E-14 -292.560709
0.50000 .000000 341.103750 -4.13E-14
.000000 3.67E-14 -303.119273
0.75000 .000000 347.563125 -4.21E-14
.000000 3.80E-14 -313.879693
1.00000 .000000 354.022500 -4.29E-14
.000000 3.93E-14 -324.841969

COMB ULB02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -3.97E-14
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -4.05E-14
.000000 3.54E-14 -292.560709
0.50000 .000000 341.103750 -4.13E-14
.000000 3.67E-14 -303.119273
0.75000 .000000 347.563125 -4.21E-14
.000000 3.80E-14 -313.879693
1.00000 .000000 354.022500 -4.29E-14
.000000 3.93E-14 -324.841969
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F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB ULB03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 15.752880
.000000 -13.545792 -282.204000
0.25000 .000000 334.644375 16.062930
.000000 -14.042914 -292.560709
0.50000 .000000 341.103750 16.372980
.000000 -14.549725 -303.119273
0.75000 .000000 347.563125 16.683030
.000000 -15.066225 -313.879693
1.00000 .000000 354.022500 16.993080
.000000 -15.592414 -324.841969

COMB ULB03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 15.752880
.000000 -13.545792 -282.204000
0.25000 .000000 334.644375 16.062930
.000000 -14.042914 -292.560709
0.50000 .000000 341.103750 16.372980
.000000 -14.549725 -303.119273
0.75000 .000000 347.563125 16.683030
.000000 -15.066225 -313.879693
1.00000 .000000 354.022500 16.993080
.000000 -15.592414 -324.841969

COMB ULB04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 7.876440
.000000 -6.772896 -282.204000
0.25000 .000000 334.644375 8.031465
.000000 -7.021457 -292.560709
0.50000 .000000 341.103750 8.186490
.000000 -7.274863 -303.119273
0.75000 .000000 347.563125 8.341515
.000000 -7.533113 -313.879693
1.00000 .000000 354.022500 8.496540
.000000 -7.796207 -324.841969

COMB ULB04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 7.876440
.000000 -6.772896 -282.204000
0.25000 .000000 334.644375 8.031465
.000000 -7.021457 -292.560709
0.50000 .000000 341.103750 8.186490
.000000 -7.274863 -303.119273
0.75000 .000000 347.563125 8.341515
.000000 -7.533113 -313.879693
1.00000 .000000 354.022500 8.496540
.000000 -7.796207 -324.841969

COMB ULB05 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 7.876440
.000000 -6.772896 -282.204000
0.25000 .000000 334.644375 8.031465
.000000 -7.021457 -292.560709
0.50000 .000000 341.103750 8.186490
.000000 -7.274863 -303.119273
0.75000 .000000 347.563125 8.341515
.000000 -7.533113 -313.879693
1.00000 .000000 354.022500 8.496540
.000000 -7.796207 -324.841969

COMB ULB05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 7.876440
.000000 -6.772896 -282.204000
0.25000 .000000 334.644375 8.031465
.000000 -7.021457 -292.560709
0.50000 .000000 341.103750 8.186490
.000000 -7.274863 -303.119273
0.75000 .000000 347.563125 8.341515
.000000 -7.533113 -313.879693
1.00000 .000000 354.022500 8.496540
.000000 -7.796207 -324.841969
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F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB ULB06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -6.05E-10
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -6.05E-10
.000000 1.90E-11 -292.560709
0.50000 .000000 341.103750 -6.05E-10
.000000 3.79E-11 -303.119273
0.75000 .000000 347.563125 -6.05E-10
.000000 5.68E-11 -313.879693
1.00000 .000000 354.022500 -6.05E-10
.000000 7.57E-11 -324.841969

COMB ULB06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -6.05E-10
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -6.05E-10
.000000 1.90E-11 -292.560709
0.50000 .000000 341.103750 -6.05E-10
.000000 3.79E-11 -303.119273
0.75000 .000000 347.563125 -6.05E-10
.000000 5.68E-11 -313.879693
1.00000 .000000 354.022500 -6.05E-10
.000000 7.57E-11 -324.841969

COMB ULB07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -3.97E-14
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -4.05E-14
.000000 3.54E-14 -292.560709
0.50000 .000000 341.103750 -4.13E-14
.000000 3.67E-14 -303.119273
0.75000 .000000 347.563125 -4.21E-14
.000000 3.80E-14 -313.879693
1.00000 .000000 354.022500 -4.29E-14
.000000 3.93E-14 -324.841969

COMB ULB07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -3.97E-14
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -4.05E-14
.000000 3.54E-14 -292.560709
0.50000 .000000 341.103750 -4.13E-14
.000000 3.67E-14 -303.119273
0.75000 .000000 347.563125 -4.21E-14
.000000 3.80E-14 -313.879693
1.00000 .000000 354.022500 -4.29E-14
.000000 3.93E-14 -324.841969

COMB ULB08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 328.185000 -6.05E-10
.000000 3.42E-14 -282.204000
0.25000 .000000 334.644375 -6.05E-10
.000000 1.90E-11 -292.560709
0.50000 .000000 341.103750 -6.05E-10
.000000 3.79E-11 -303.119273
0.75000 .000000 347.563125 -6.05E-10
.000000 5.68E-11 -313.879693
1.00000 .000000 354.022500 -6.05E-10
.000000 7.57E-11 -324.841969

COMB ULB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-6.05E-10
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-6.05E-10
.000000	1.90E-11	-292.560709	
0.50000	.000000	341.103750	-6.05E-10
.000000	3.79E-11	-303.119273	
0.75000	.000000	347.563125	-6.05E-10
.000000	5.68E-11	-313.879693	
1.00000	.000000	354.022500	-6.05E-10
.000000	7.57E-11	-324.841969	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	15.147000
.000000	-13.024800	-271.350000	
0.25000	.000000	321.773438	15.445125
.000000	-13.502802	-281.308374	
0.50000	.000000	327.984375	15.743250
.000000	-13.990120	-291.460840	
0.75000	.000000	334.195313	16.041375
.000000	-14.486755	-301.807397	
1.00000	.000000	340.406250	16.339500
.000000	-14.992706	-312.348047	

COMB ULB10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	15.147000
.000000	-13.024800	-271.350000	
0.25000	.000000	321.773438	15.445125
.000000	-13.502802	-281.308374	
0.50000	.000000	327.984375	15.743250
.000000	-13.990120	-291.460840	
0.75000	.000000	334.195313	16.041375
.000000	-14.486755	-301.807397	
1.00000	.000000	340.406250	16.339500
.000000	-14.992706	-312.348047	

COMB ULB11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	15.147000
.000000	-13.024800	-271.350000	
0.25000	.000000	321.773438	15.445125
.000000	-13.502802	-281.308374	
0.50000	.000000	327.984375	15.743250
.000000	-13.990120	-291.460840	
0.75000	.000000	334.195313	16.041375
.000000	-14.486755	-301.807397	
1.00000	.000000	340.406250	16.339500
.000000	-14.992706	-312.348047	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

COMB ULB12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

COMB ULB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

COMB ULB13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

COMB ULB14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

COMB ULB14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

COMB ULB15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
0.25000	.000000	321.773438	7.722562
.000000	-6.751401	-281.308374	
0.50000	.000000	327.984375	7.871625
.000000	-6.995060	-291.460840	
0.75000	.000000	334.195313	8.020687
.000000	-7.243378	-301.807397	
1.00000	.000000	340.406250	8.169750
.000000	-7.496353	-312.348047	

COMB ULB16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB ULB16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB ULB17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULB17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	302.940000	14.541120
.000000	-12.503808	-260.496000	
0.25000	.000000	308.902500	14.827320
.000000	-12.962690	-270.056039	
0.50000	.000000	314.865000	15.113520
.000000	-13.430515	-279.802406	
0.75000	.000000	320.827500	15.399720
.000000	-13.907285	-289.735102	
1.00000	.000000	326.790000	15.685920
.000000	-14.392998	-299.854125	

COMB ULB18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	302.940000	14.541120
.000000	-12.503808	-260.496000	
0.25000	.000000	308.902500	14.827320
.000000	-12.962690	-270.056039	
0.50000	.000000	314.865000	15.113520
.000000	-13.430515	-279.802406	
0.75000	.000000	320.827500	15.399720
.000000	-13.907285	-289.735102	
1.00000	.000000	326.790000	15.685920
.000000	-14.392998	-299.854125	

COMB UEB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	15.752880
.000000	-13.545792	-217.080000	
0.25000	.000000	257.418750	16.062930
.000000	-14.042914	-225.046699	
0.50000	.000000	262.387500	16.372980
.000000	-14.549725	-233.168672	
0.75000	.000000	267.356250	16.683030
.000000	-15.066225	-241.445918	
1.00000	.000000	272.325000	16.993080
.000000	-15.592414	-249.878438	

COMB UEB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	15.752880
.000000	-13.545792	-217.080000	
0.25000	.000000	257.418750	16.062930
.000000	-14.042914	-225.046699	
0.50000	.000000	262.387500	16.372980
.000000	-14.549725	-233.168672	
0.75000	.000000	267.356250	16.683030
.000000	-15.066225	-241.445918	
1.00000	.000000	272.325000	16.993080
.000000	-15.592414	-249.878438	

COMB UEB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	7.876440
.000000	-6.772896	-217.080000	
0.25000	.000000	257.418750	8.031465
.000000	-7.021457	-225.046699	
0.50000	.000000	262.387500	8.186490
.000000	-7.274863	-233.168672	
0.75000	.000000	267.356250	8.341515
.000000	-7.533113	-241.445918	
1.00000	.000000	272.325000	8.496540
.000000	-7.796207	-249.878438	

COMB UEB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	7.876440
.000000	-6.772896	-217.080000	
0.25000	.000000	257.418750	8.031465
.000000	-7.021457	-225.046699	
0.50000	.000000	262.387500	8.186490
.000000	-7.274863	-233.168672	
0.75000	.000000	267.356250	8.341515
.000000	-7.533113	-241.445918	
1.00000	.000000	272.325000	8.496540
.000000	-7.796207	-249.878438	

COMB UEB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	7.876440
.000000	-6.772896	-217.080000	
0.25000	.000000	257.418750	8.031465
.000000	-7.021457	-225.046699	
0.50000	.000000	262.387500	8.186490
.000000	-7.274863	-233.168672	
0.75000	.000000	267.356250	8.341515
.000000	-7.533113	-241.445918	
1.00000	.000000	272.325000	8.496540
.000000	-7.796207	-249.878438	

COMB UEB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	7.876440
.000000	-6.772896	-217.080000	
0.25000	.000000	257.418750	8.031465
.000000	-7.021457	-225.046699	
0.50000	.000000	262.387500	8.186490
.000000	-7.274863	-233.168672	
0.75000	.000000	267.356250	8.341515
.000000	-7.533113	-241.445918	
1.00000	.000000	272.325000	8.496540
.000000	-7.796207	-249.878438	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-6.05E-10
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-6.05E-10
.000000	1.89E-11	-225.046699	
0.50000	.000000	262.387500	-6.05E-10
.000000	3.79E-11	-233.168672	
0.75000	.000000	267.356250	-6.05E-10
.000000	5.68E-11	-241.445918	
1.00000	.000000	272.325000	-6.05E-10
.000000	7.57E-11	-249.878438	

COMB UEB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-6.05E-10
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-6.05E-10
.000000	1.89E-11	-225.046699	
0.50000	.000000	262.387500	-6.05E-10
.000000	3.79E-11	-233.168672	
0.75000	.000000	267.356250	-6.05E-10
.000000	5.68E-11	-241.445918	
1.00000	.000000	272.325000	-6.05E-10
.000000	7.57E-11	-249.878438	

COMB UEB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-6.05E-10
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-6.05E-10
.000000	1.89E-11	-225.046699	
0.50000	.000000	262.387500	-6.05E-10
.000000	3.79E-11	-233.168672	
0.75000	.000000	267.356250	-6.05E-10
.000000	5.68E-11	-241.445918	
1.00000	.000000	272.325000	-6.05E-10
.000000	7.57E-11	-249.878438	

COMB UEB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-6.05E-10
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-6.05E-10
.000000	1.89E-11	-225.046699	
0.50000	.000000	262.387500	-6.05E-10

.000000 3.79E-11 -233.168672
0.75000 .000000 267.356250 -6.05E-10
.000000 5.68E-11 -241.445918
1.00000 .000000 272.325000 -6.05E-10
.000000 7.57E-11 -249.878438

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	15.147000
.000000	-13.024800	-206.226000	
0.25000	.000000	244.547813	15.445125
.000000	-13.502802	-213.794364	
0.50000	.000000	249.268125	15.743250
.000000	-13.990120	-221.510238	
0.75000	.000000	253.988438	16.041375
.000000	-14.486755	-229.373622	
1.00000	.000000	258.708750	16.339500
.000000	-14.992706	-237.384516	

COMB UEB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	15.147000
.000000	-13.024800	-206.226000	
0.25000	.000000	244.547813	15.445125
.000000	-13.502802	-213.794364	
0.50000	.000000	249.268125	15.743250
.000000	-13.990120	-221.510238	
0.75000	.000000	253.988438	16.041375
.000000	-14.486755	-229.373622	
1.00000	.000000	258.708750	16.339500
.000000	-14.992706	-237.384516	

COMB UEB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	15.147000
.000000	-13.024800	-206.226000	
0.25000	.000000	244.547813	15.445125
.000000	-13.502802	-213.794364	
0.50000	.000000	249.268125	15.743250
.000000	-13.990120	-221.510238	
0.75000	.000000	253.988438	16.041375
.000000	-14.486755	-229.373622	
1.00000	.000000	258.708750	16.339500
.000000	-14.992706	-237.384516	

COMB UEB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	15.147000
.000000	-13.024800	-206.226000	
0.25000	.000000	244.547813	15.445125
.000000	-13.502802	-213.794364	
0.50000	.000000	249.268125	15.743250
.000000	-13.990120	-221.510238	
0.75000	.000000	253.988438	16.041375
.000000	-14.486755	-229.373622	
1.00000	.000000	258.708750	16.339500
.000000	-14.992706	-237.384516	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

COMB UEB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

COMB UEB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

COMB UEB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

COMB UEB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

COMB UEB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

COMB UEB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	239.827500	7.573500
.000000	-6.512400	-206.226000	
0.25000	.000000	244.547813	7.722562
.000000	-6.751401	-213.794364	
0.50000	.000000	249.268125	7.871625
.000000	-6.995060	-221.510238	
0.75000	.000000	253.988438	8.020687
.000000	-7.243378	-229.373622	
1.00000	.000000	258.708750	8.169750
.000000	-7.496353	-237.384516	

COMB UEB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	227.205000	14.541120
.000000	-12.503808	-195.372000	
0.25000	.000000	231.676875	14.827320
.000000	-12.962690	-202.542029	
0.50000	.000000	236.148750	15.113520
.000000	-13.430515	-209.851805	
0.75000	.000000	240.620625	15.399720
.000000	-13.907285	-217.301326	
1.00000	.000000	245.092500	15.685920
.000000	-14.392998	-224.890594	

COMB UEB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	227.205000	14.541120
.000000	-12.503808	-195.372000	
0.25000	.000000	231.676875	14.827320
.000000	-12.962690	-202.542029	
0.50000	.000000	236.148750	15.113520
.000000	-13.430515	-209.851805	
0.75000	.000000	240.620625	15.399720
.000000	-13.907285	-217.301326	
1.00000	.000000	245.092500	15.685920
.000000	-14.392998	-224.890594	

COMB SVO01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-19.080000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-19.080000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-19.080000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-19.080000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-19.080000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-19.080000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-19.080000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-19.080000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-19.080000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-19.080000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-19.080000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-19.080000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-19.080000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-19.080000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-19.080000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-19.080000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-19.080000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-19.080000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-9.540000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-9.540000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-9.540000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.804000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	-24.804000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	-24.804000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	-24.804000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	-24.804000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.804000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	-24.804000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	-24.804000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	-24.804000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	-24.804000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	-12.402000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	-12.402000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	-12.402000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	-12.402000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	-12.402000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	-12.402000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	-12.402000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	-12.402000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	-12.402000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.402000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	-12.402000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	-12.402000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	-12.402000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-23.850000	321.773437	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-23.850000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-23.850000	334.195312	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-23.850000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-23.850000	321.773437	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-23.850000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-23.850000	334.195312	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-23.850000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-23.850000	321.773437	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-23.850000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-23.850000	334.195312	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-23.850000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.850000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-23.850000	321.773437	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-23.850000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-23.850000	334.195312	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-23.850000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.925000	315.562500	-3.82E-14

.000000 3.29E-14 -271.350000
0.25000 -11.925000 321.773438 -3.90E-14
.000000 3.41E-14 -281.308374
0.50000 -11.925000 327.984375 -3.97E-14
.000000 3.53E-14 -291.460840
0.75000 -11.925000 334.195313 -4.05E-14
.000000 3.66E-14 -301.807397
1.00000 -11.925000 340.406250 -4.12E-14
.000000 3.78E-14 -312.348047

COMB ULO12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-11.925000	321.773438	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-11.925000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-11.925000	334.195313	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-11.925000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-11.925000	321.773438	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-11.925000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-11.925000	334.195313	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-11.925000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-11.925000	321.773438	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-11.925000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-11.925000	334.195313	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-11.925000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-11.925000	321.773438	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-11.925000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-11.925000	334.195313	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-11.925000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-11.925000	321.773438	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-11.925000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-11.925000	334.195313	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-11.925000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-11.925000	321.773438	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-11.925000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-11.925000	334.195313	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-11.925000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	315.562500	-3.82E-14
.000000	3.29E-14	-271.350000	
0.25000	-11.925000	321.773438	-3.90E-14
.000000	3.41E-14	-281.308374	
0.50000	-11.925000	327.984375	-3.97E-14
.000000	3.53E-14	-291.460840	
0.75000	-11.925000	334.195313	-4.05E-14
.000000	3.66E-14	-301.807397	
1.00000	-11.925000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	

COMB ULO16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB ULO16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB ULO17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ULO17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

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COMB ULO18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-22.896000	302.940000	-3.67E-14
.000000	3.15E-14	-260.496000	
0.25000	-22.896000	308.902500	-3.74E-14
.000000	3.27E-14	-270.056039	
0.50000	-22.896000	314.865000	-3.81E-14
.000000	3.39E-14	-279.802406	
0.75000	-22.896000	320.827500	-3.89E-14
.000000	3.51E-14	-289.735102	
1.00000	-22.896000	326.790000	-3.96E-14
.000000	3.63E-14	-299.854125	

COMB ULO18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-22.896000	302.940000	-3.67E-14
.000000	3.15E-14	-260.496000	
0.25000	-22.896000	308.902500	-3.74E-14
.000000	3.27E-14	-270.056039	
0.50000	-22.896000	314.865000	-3.81E-14
.000000	3.39E-14	-279.802406	
0.75000	-22.896000	320.827500	-3.89E-14
.000000	3.51E-14	-289.735102	
1.00000	-22.896000	326.790000	-3.96E-14
.000000	3.63E-14	-299.854125	

COMB UEO01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-24.804000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-24.804000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-24.804000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-24.804000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-24.804000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-24.804000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-24.804000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-24.804000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-24.804000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-24.804000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-12.402000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-12.402000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-12.402000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-12.402000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-12.402000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-12.402000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-12.402000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-12.402000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-12.402000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-12.402000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-12.402000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-12.402000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	-12.402000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	-12.402000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	-12.402000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	-12.402000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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COMB UEO06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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COMB UEO09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-23.850000	244.547812	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-23.850000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-23.850000	253.988437	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-23.850000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-23.850000	244.547812	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-23.850000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-23.850000	253.988437	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-23.850000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-23.850000	244.547812	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-23.850000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-23.850000	253.988437	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-23.850000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-23.850000	244.547812	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-23.850000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-23.850000	253.988437	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-23.850000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547813	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988438	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547813	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988438	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547813	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988438	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547813	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988438	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547813	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988438	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547813	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988438	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

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COMB UEO15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547812	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988437	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.925000	239.827500	-2.90E-14
.000000	2.50E-14	-206.226000	
0.25000	-11.925000	244.547812	-2.96E-14
.000000	2.59E-14	-213.794364	
0.50000	-11.925000	249.268125	-3.02E-14
.000000	2.68E-14	-221.510238	
0.75000	-11.925000	253.988437	-3.08E-14
.000000	2.78E-14	-229.373622	
1.00000	-11.925000	258.708750	-3.13E-14
.000000	2.87E-14	-237.384516	

COMB UEO16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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COMB UEO17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB UEO18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-22.896000	227.205000	-2.75E-14
.000000	2.37E-14	-195.372000	
0.25000	-22.896000	231.676875	-2.81E-14
.000000	2.45E-14	-202.542029	
0.50000	-22.896000	236.148750	-2.86E-14
.000000	2.54E-14	-209.851805	
0.75000	-22.896000	240.620625	-2.91E-14
.000000	2.63E-14	-217.301326	
1.00000	-22.896000	245.092500	-2.97E-14
.000000	2.72E-14	-224.890594	

COMB UEO18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-22.896000	227.205000	-2.75E-14
.000000	2.37E-14	-195.372000	
0.25000	-22.896000	231.676875	-2.81E-14
.000000	2.45E-14	-202.542029	
0.50000	-22.896000	236.148750	-2.86E-14
.000000	2.54E-14	-209.851805	
0.75000	-22.896000	240.620625	-2.91E-14
.000000	2.63E-14	-217.301326	
1.00000	-22.896000	245.092500	-2.97E-14
.000000	2.72E-14	-224.890594	

COMB ENVBULT ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ENVBULT ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ENVBECC ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB ENVBECC ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

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COMB ENVOULT ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ENVOULT ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	
0.25000	.000000	334.644375	-4.05E-14
.000000	3.54E-14	-292.560709	
0.50000	.000000	341.103750	-4.13E-14
.000000	3.67E-14	-303.119273	
0.75000	.000000	347.563125	-4.21E-14
.000000	3.80E-14	-313.879693	
1.00000	.000000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	

COMB ENVOECC ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

COMB ENVOECC ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	
0.25000	.000000	257.418750	-3.12E-14
.000000	2.73E-14	-225.046699	
0.50000	.000000	262.387500	-3.18E-14
.000000	2.82E-14	-233.168672	
0.75000	.000000	267.356250	-3.24E-14
.000000	2.92E-14	-241.445918	
1.00000	.000000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	

ELEM 3 ========== LENGTH = 0.175000

LOAD D ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

LOAD L1 ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-7.28E-12	1.46E-11	.000000
.000000	-6.06E-28	1.27E-11	
0.25000	-7.28E-12	1.46E-11	.000000
.000000	-6.06E-28	1.21E-11	
0.50000	-7.28E-12	1.46E-11	.000000
.000000	-6.06E-28	1.15E-11	

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REL DIST T	P M2	V2 M3	V3
0.75000	-7.28E-12	1.46E-11	.000000
.000000	-6.06E-28	1.08E-11	
1.00000	-7.28E-12	1.46E-11	.000000
.000000	-6.06E-28	1.02E-11	

LOAD W-LO ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.26E-29	1.58E-15	13.071600
.000000	-11.994165	-1.45E-15	
0.25000	-1.26E-29	1.62E-15	13.405500
.000000	-12.573352	-1.52E-15	
0.50000	-1.26E-29	1.66E-15	13.739400
.000000	-13.167146	-1.59E-15	
0.75000	-1.26E-29	1.70E-15	14.073300
.000000	-13.775549	-1.67E-15	
1.00000	-1.26E-29	1.74E-15	14.407200
.000000	-14.398560	-1.74E-15	

LOAD G-LO2 ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.01E-28	2.58E-26	.000000
.000000	2.91E-11	-3.23E-27	
0.25000	-1.01E-28	2.58E-26	.000000
.000000	2.91E-11	-4.36E-27	
0.50000	-1.01E-28	2.58E-26	.000000
.000000	2.91E-11	-5.49E-27	
0.75000	-1.01E-28	2.58E-26	.000000
.000000	2.91E-11	-6.62E-27	
1.00000	-1.01E-28	2.58E-26	.000000
.000000	2.91E-11	-7.75E-27	

LOAD E-LO ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-19.080000	-1.46E-11	3.23E-27
.000000	1.62E-27	-3.64E-11	
0.25000	-19.080000	-1.46E-11	3.23E-27
.000000	1.47E-27	-3.57E-11	
0.50000	-19.080000	-1.46E-11	3.23E-27
.000000	1.33E-27	-3.51E-11	
0.75000	-19.080000	-1.46E-11	3.23E-27
.000000	1.19E-27	-3.45E-11	
1.00000	-19.080000	-1.46E-11	3.23E-27
.000000	1.05E-27	-3.38E-11	

LOAD WL ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-5.82E-11	-1.82E-12	2.02E-28
.000000	1.01E-28	-4.55E-12	
0.25000	-5.82E-11	-1.82E-12	2.02E-28
.000000	9.21E-29	-4.47E-12	
0.50000	-5.82E-11	-1.82E-12	2.02E-28
.000000	8.33E-29	-4.39E-12	
0.75000	-5.82E-11	-1.82E-12	2.02E-28
.000000	7.45E-29	-4.31E-12	
1.00000	-5.82E-11	-1.82E-12	2.02E-28
.000000	6.56E-29	-4.23E-12	

LOAD G-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	5.82E-11	9.09E-13	-5.05E-29
.000000	-2.02E-28	5.46E-12	

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REL DIST T	P M2	V2 M3	V3
0.25000	5.82E-11	9.09E-13	-5.05E-29
.000000	-2.00E-28	5.42E-12	
0.50000	5.82E-11	9.09E-13	-5.05E-29
.000000	-1.98E-28	5.38E-12	
0.75000	5.82E-11	9.09E-13	-5.05E-29
.000000	-1.95E-28	5.34E-12	
1.00000	5.82E-11	9.09E-13	-5.05E-29
.000000	-1.93E-28	5.30E-12	

LOAD E-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-4.55E-13	-7.11E-15	7.89E-31
.000000	7.89E-31	-1.42E-14	
0.25000	-4.55E-13	-7.11E-15	7.89E-31
.000000	7.54E-31	-1.39E-14	
0.50000	-4.55E-13	-7.11E-15	7.89E-31
.000000	7.20E-31	-1.36E-14	
0.75000	-4.55E-13	-7.11E-15	7.89E-31
.000000	6.85E-31	-1.33E-14	
1.00000	-4.55E-13	-7.11E-15	7.89E-31
.000000	6.51E-31	-1.30E-14	

LOAD COL-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.82E-12	-4.26E-14	3.16E-30
.000000	3.16E-30	-5.68E-14	
0.25000	-1.82E-12	-4.26E-14	3.16E-30
.000000	3.02E-30	-5.50E-14	
0.50000	-1.82E-12	-4.26E-14	3.16E-30
.000000	2.88E-30	-5.31E-14	
0.75000	-1.82E-12	-4.26E-14	3.16E-30
.000000	2.74E-30	-5.12E-14	
1.00000	-1.82E-12	-4.26E-14	3.16E-30
.000000	2.60E-30	-4.94E-14	

COMB SVB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-7.73E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-7.73E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-7.73E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-7.73E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-7.73E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-7.73E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-7.73E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-7.73E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-7.73E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-7.73E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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COMB SVB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVB03 ------------------ MAX

```
REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  13.071600
.000000  -11.994165 -249.878437
0.25000    -4.55E-13  279.281250  13.405500
.000000  -12.573352 -261.944824
0.50000    -4.55E-13  286.237500  13.739400
.000000  -13.167146 -274.315547
0.75000    -4.55E-13  293.193750  14.073300
.000000  -13.775549 -286.990605
1.00000    -4.55E-13  300.150000  14.407200
.000000  -14.398560 -299.970000

COMB    SVB03 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  13.071600
.000000  -11.994165 -249.878437
0.25000    -4.55E-13  279.281250  13.405500
.000000  -12.573352 -261.944824
0.50000    -4.55E-13  286.237500  13.739400
.000000  -13.167146 -274.315547
0.75000    -4.55E-13  293.193750  14.073300
.000000  -13.775549 -286.990605
1.00000    -4.55E-13  300.150000  14.407200
.000000  -14.398560 -299.970000

COMB    SVB04 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -7.73E-12  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -7.73E-12  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -7.73E-12  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -7.73E-12  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB04 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -7.73E-12  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -7.73E-12  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -7.73E-12  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -7.73E-12  300.150000   7.203600
.000000   -7.199280 -299.970000
Program   SAP2000   Nonlinear   Version   7.42
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L   F O R C E S

COMB    SVB05 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -4.55E-13  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -4.55E-13  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -4.55E-13  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -4.55E-13  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB05 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -4.55E-13  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -4.55E-13  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -4.55E-13  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -4.55E-13  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB06 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000  -3.30E-14
.000000    2.91E-11 -249.878437
0.25000    -7.73E-12  279.281250  -3.38E-14
.000000    2.91E-11 -261.944824
0.50000    -7.73E-12  286.237500  -3.47E-14
.000000    2.91E-11 -274.315547
0.75000    -7.73E-12  293.193750  -3.55E-14
.000000    2.91E-11 -286.990605
1.00000    -7.73E-12  300.150000  -3.64E-14
.000000    2.91E-11 -299.970000

COMB    SVB06 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000  -3.30E-14
.000000    2.91E-11 -249.878437
0.25000    -7.73E-12  279.281250  -3.38E-14
.000000    2.91E-11 -261.944824
0.50000    -7.73E-12  286.237500  -3.47E-14
.000000    2.91E-11 -274.315547
0.75000    -7.73E-12  293.193750  -3.55E-14
.000000    2.91E-11 -286.990605
1.00000    -7.73E-12  300.150000  -3.64E-14
.000000    2.91E-11 -299.970000

COMB    SVB07 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000  -3.30E-14
.000000    3.03E-14 -249.878437
0.25000    -7.73E-12  279.281250  -3.38E-14
.000000    3.17E-14 -261.944824
0.50000    -7.73E-12  286.237500  -3.47E-14
.000000    3.32E-14 -274.315547
0.75000    -7.73E-12  293.193750  -3.55E-14
.000000    3.48E-14 -286.990605
1.00000    -7.73E-12  300.150000  -3.64E-14
.000000    3.63E-14 -299.970000

COMB    SVB07 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000  -3.30E-14
.000000    3.03E-14 -249.878437
0.25000    -7.73E-12  279.281250  -3.38E-14
.000000    3.17E-14 -261.944824
0.50000    -7.73E-12  286.237500  -3.47E-14
.000000    3.32E-14 -274.315547
0.75000    -7.73E-12  293.193750  -3.55E-14
.000000    3.48E-14 -286.990605
1.00000    -7.73E-12  300.150000  -3.64E-14
.000000    3.63E-14 -299.970000

COMB    SVB08 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  -3.30E-14
.000000    2.91E-11 -249.878437
0.25000    -4.55E-13  279.281250  -3.38E-14
.000000    2.91E-11 -261.944824
0.50000    -4.55E-13  286.237500  -3.47E-14
.000000    2.91E-11 -274.315547
0.75000    -4.55E-13  293.193750  -3.55E-14
.000000    2.91E-11 -286.990605
1.00000    -4.55E-13  300.150000  -3.64E-14
.000000    2.91E-11 -299.970000

COMB    SVB08 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  -3.30E-14
.000000    2.91E-11 -249.878437
0.25000    -4.55E-13  279.281250  -3.38E-14
.000000    2.91E-11 -261.944824
0.50000    -4.55E-13  286.237500  -3.47E-14
.000000    2.91E-11 -274.315547
0.75000    -4.55E-13  293.193750  -3.55E-14
.000000    2.91E-11 -286.990605
1.00000    -4.55E-13  300.150000  -3.64E-14
.000000    2.91E-11 -299.970000

COMB    SVB09 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  -3.30E-14
.000000    3.03E-14 -249.878437
0.25000    -4.55E-13  279.281250  -3.38E-14
.000000    3.17E-14 -261.944824
0.50000    -4.55E-13  286.237500  -3.47E-14
.000000    3.32E-14 -274.315547
0.75000    -4.55E-13  293.193750  -3.55E-14
.000000    3.48E-14 -286.990605
1.00000    -4.55E-13  300.150000  -3.64E-14
.000000    3.63E-14 -299.970000

COMB    SVB09 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  -3.30E-14
.000000    3.03E-14 -249.878437
0.25000    -4.55E-13  279.281250  -3.38E-14
.000000    3.17E-14 -261.944824
0.50000    -4.55E-13  286.237500  -3.47E-14
.000000    3.32E-14 -274.315547
0.75000    -4.55E-13  293.193750  -3.55E-14
.000000    3.48E-14 -286.990605
1.00000    -4.55E-13  300.150000  -3.64E-14
.000000    3.63E-14 -299.970000

COMB    SVB10 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  13.071600
.000000  -11.994165 -249.878437
0.25000    -4.55E-13  279.281250  13.405500
.000000  -12.573352 -261.944824
0.50000    -4.55E-13  286.237500  13.739400
.000000  -13.167146 -274.315547
0.75000    -4.55E-13  293.193750  14.073300
.000000  -13.775549 -286.990605
1.00000    -4.55E-13  300.150000  14.407200
.000000  -14.398560 -299.970000

COMB    SVB10 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  13.071600
.000000  -11.994165 -249.878437
0.25000    -4.55E-13  279.281250  13.405500
.000000  -12.573352 -261.944824
0.50000    -4.55E-13  286.237500  13.739400
.000000  -13.167146 -274.315547
0.75000    -4.55E-13  293.193750  14.073300
.000000  -13.775549 -286.990605
1.00000    -4.55E-13  300.150000  14.407200
.000000  -14.398560 -299.970000
Program   SAP2000   Nonlinear   Version   7.42
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L   F O R C E S

COMB    SVB11 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  13.071600
.000000  -11.994165 -249.878437
0.25000    -4.55E-13  279.281250  13.405500
.000000  -12.573352 -261.944824
0.50000    -4.55E-13  286.237500  13.739400
.000000  -13.167146 -274.315547
0.75000    -4.55E-13  293.193750  14.073300
.000000  -13.775549 -286.990605
1.00000    -4.55E-13  300.150000  14.407200
.000000  -14.398560 -299.970000

COMB    SVB11 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000  13.071600
.000000  -11.994165 -249.878437
0.25000    -4.55E-13  279.281250  13.405500
.000000  -12.573352 -261.944824
0.50000    -4.55E-13  286.237500  13.739400
.000000  -13.167146 -274.315547
0.75000    -4.55E-13  293.193750  14.073300
.000000  -13.775549 -286.990605
1.00000    -4.55E-13  300.150000  14.407200
.000000  -14.398560 -299.970000

COMB    SVB12 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000   6.535800
.000000   -5.997082 -249.878437
0.25000    -7.73E-12  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -7.73E-12  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -7.73E-12  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -7.73E-12  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB12 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000   6.535800
.000000   -5.997082 -249.878437
0.25000    -7.73E-12  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -7.73E-12  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -7.73E-12  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -7.73E-12  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB13 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -7.73E-12  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -7.73E-12  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -7.73E-12  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -7.73E-12  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB13 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -7.73E-12  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -7.73E-12  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -7.73E-12  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -7.73E-12  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -7.73E-12  300.150000   7.203600
.000000   -7.199280 -299.970000
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L   F O R C E S

COMB    SVB14 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000   6.535800
.000000   -5.997082 -249.878437
0.25000    -4.55E-13  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -4.55E-13  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -4.55E-13  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -4.55E-13  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB14 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000   6.535800
.000000   -5.997082 -249.878437
0.25000    -4.55E-13  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -4.55E-13  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -4.55E-13  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -4.55E-13  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB15 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -4.55E-13  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -4.55E-13  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -4.55E-13  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -4.55E-13  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    SVB15 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -4.55E-13  272.325000   6.535800
.000000   -5.997083 -249.878437
0.25000    -4.55E-13  279.281250   6.702750
.000000   -6.286676 -261.944824
0.50000    -4.55E-13  286.237500   6.869700
.000000   -6.583573 -274.315547
0.75000    -4.55E-13  293.193750   7.036650
.000000   -6.887775 -286.990605
1.00000    -4.55E-13  300.150000   7.203600
.000000   -7.199280 -299.970000

COMB    ULB01 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -1.62E-11  354.022500  -4.29E-14
.000000    3.93E-14 -324.841969
0.25000    -1.62E-11  363.065625  -4.40E-14
.000000    4.12E-14 -340.528271
0.50000    -1.62E-11  372.108750  -4.51E-14
.000000    4.32E-14 -356.610211
0.75000    -1.62E-11  381.151875  -4.62E-14
.000000    4.52E-14 -373.087787
1.00000    -1.62E-11  390.195000  -4.73E-14
.000000    4.72E-14 -389.961000

COMB    ULB01 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -1.62E-11  354.022500  -4.29E-14
.000000    3.93E-14 -324.841969
0.25000    -1.62E-11  363.065625  -4.40E-14
.000000    4.12E-14 -340.528271
0.50000    -1.62E-11  372.108750  -4.51E-14
.000000    4.32E-14 -356.610211
0.75000    -1.62E-11  381.151875  -4.62E-14
.000000    4.52E-14 -373.087787
1.00000    -1.62E-11  390.195000  -4.73E-14
.000000    4.72E-14 -389.961000
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L   F O R C E S

COMB    ULB02 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -5.91E-13  354.022500  -4.29E-14
.000000    3.93E-14 -324.841969
0.25000    -5.91E-13  363.065625  -4.40E-14
.000000    4.12E-14 -340.528271
0.50000    -5.91E-13  372.108750  -4.51E-14
.000000    4.32E-14 -356.610211
0.75000    -5.91E-13  381.151875  -4.62E-14
.000000    4.52E-14 -373.087787
1.00000    -5.91E-13  390.195000  -4.73E-14
.000000    4.72E-14 -389.961000

COMB    ULB02 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -5.91E-13  354.022500  -4.29E-14
.000000    3.93E-14 -324.841969
0.25000    -5.91E-13  363.065625  -4.40E-14
.000000    4.12E-14 -340.528271
0.50000    -5.91E-13  372.108750  -4.51E-14
.000000    4.32E-14 -356.610211
0.75000    -5.91E-13  381.151875  -4.62E-14
.000000    4.52E-14 -373.087787
1.00000    -5.91E-13  390.195000  -4.73E-14
.000000    4.72E-14 -389.961000

COMB    ULB03 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -5.91E-13  354.022500  16.993080
.000000  -15.592415 -324.841969
0.25000    -5.91E-13  363.065625  17.427150
.000000  -16.345357 -340.528271
0.50000    -5.91E-13  372.108750  17.861220
.000000  -17.117290 -356.610211
0.75000    -5.91E-13  381.151875  18.295290
.000000  -17.908214 -373.087787
1.00000    -5.91E-13  390.195000  18.729360
.000000  -18.718128 -389.961000

COMB    ULB03 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -5.91E-13  354.022500  16.993080
.000000  -15.592415 -324.841969
0.25000    -5.91E-13  363.065625  17.427150
.000000  -16.345357 -340.528271
0.50000    -5.91E-13  372.108750  17.861220
.000000  -17.117290 -356.610211
0.75000    -5.91E-13  381.151875  18.295290
.000000  -17.908214 -373.087787
1.00000    -5.91E-13  390.195000  18.729360
.000000  -18.718128 -389.961000

COMB    ULB04 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -1.00E-11  354.022500   8.496540
.000000   -7.796207 -324.841969
0.25000    -1.00E-11  363.065625   8.713575
.000000   -8.172679 -340.528271
0.50000    -1.00E-11  372.108750   8.930610
.000000   -8.558645 -356.610211
0.75000    -1.00E-11  381.151875   9.147645
.000000   -8.954107 -373.087787
1.00000    -1.00E-11  390.195000   9.364680
.000000   -9.359064 -389.961000

COMB    ULB04 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -1.00E-11  354.022500   8.496540
.000000   -7.796207 -324.841969
0.25000    -1.00E-11  363.065625   8.713575
.000000   -8.172679 -340.528271
0.50000    -1.00E-11  372.108750   8.930610
.000000   -8.558645 -356.610211
0.75000    -1.00E-11  381.151875   9.147645
.000000   -8.954107 -373.087787
1.00000    -1.00E-11  390.195000   9.364680
.000000   -9.359064 -389.961000
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L   F O R C E S

COMB    ULB05 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -5.91E-13  354.022500   8.496540
.000000   -7.796207 -324.841969
0.25000    -5.91E-13  363.065625   8.713575
.000000   -8.172679 -340.528271
0.50000    -5.91E-13  372.108750   8.930610
.000000   -8.558645 -356.610211
0.75000    -5.91E-13  381.151875   9.147645
.000000   -8.954107 -373.087787
1.00000    -5.91E-13  390.195000   9.364680
.000000   -9.359064 -389.961000

COMB    ULB05 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -5.91E-13  354.022500   8.496540
.000000   -7.796207 -324.841969
0.25000    -5.91E-13  363.065625   8.713575
.000000   -8.172679 -340.528271
0.50000    -5.91E-13  372.108750   8.930610
.000000   -8.558645 -356.610211
0.75000    -5.91E-13  381.151875   9.147645
.000000   -8.954107 -373.087787
1.00000    -5.91E-13  390.195000   9.364680
.000000   -9.359064 -389.961000

COMB    ULB06 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    -1.00E-11  354.022500  -4.29E-14
.000000    3.79E-11 -324.841969
0.25000    -1.00E-11  363.065625  -4.40E-14
.000000    3.79E-11 -340.528271
0.50000    -1.00E-11  372.108750  -4.51E-14
.000000    3.79E-11 -356.610211
0.75000    -1.00E-11  381.151875  -4.62E-14
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 .000000     3.79E-11 -373.087787
1.00000     -1.00E-11   390.195000    -4.73E-14
 .000000     3.79E-11 -389.961000

COMB    ULB06 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -1.00E-11   354.022500    -4.29E-14
 .000000     3.79E-11 -324.841969
0.25000     -1.00E-11   363.065625    -4.40E-14
 .000000     3.79E-11 -340.528271
0.50000     -1.00E-11   372.108750    -4.51E-14
 .000000     3.79E-11 -356.610211
0.75000     -1.00E-11   381.151875    -4.62E-14
 .000000     3.79E-11 -373.087787
1.00000     -1.00E-11   390.195000    -4.73E-14
 .000000     3.79E-11 -389.961000

COMB    ULB07 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -1.00E-11   354.022500    -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000     -1.00E-11   363.065625    -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000     -1.00E-11   372.108750    -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000     -1.00E-11   381.151875    -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000     -1.00E-11   390.195000    -4.73E-14
 .000000     4.72E-14 -389.961000

COMB    ULB07 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -1.00E-11   354.022500    -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000     -1.00E-11   363.065625    -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000     -1.00E-11   372.108750    -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000     -1.00E-11   381.151875    -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000     -1.00E-11   390.195000    -4.73E-14
 .000000     4.72E-14 -389.961000
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L   F O R C E S

COMB    ULB08 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.91E-13   354.022500    -4.29E-14
 .000000     3.79E-11 -324.841969
0.25000     -5.91E-13   363.065625    -4.40E-14
 .000000     3.79E-11 -340.528271
0.50000     -5.91E-13   372.108750    -4.51E-14
 .000000     3.79E-11 -356.610211
0.75000     -5.91E-13   381.151875    -4.62E-14
 .000000     3.79E-11 -373.087787
1.00000     -5.91E-13   390.195000    -4.73E-14
 .000000     3.79E-11 -389.961000

COMB    ULB08 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.91E-13   354.022500    -4.29E-14
 .000000     3.79E-11 -324.841969
0.25000     -5.91E-13   363.065625    -4.40E-14
 .000000     3.79E-11 -340.528271
0.50000     -5.91E-13   372.108750    -4.51E-14
 .000000     3.79E-11 -356.610211
0.75000     -5.91E-13   381.151875    -4.62E-14
 .000000     3.79E-11 -373.087787
1.00000     -5.91E-13   390.195000    -4.73E-14
 .000000     3.79E-11 -389.961000

COMB    ULB09 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.91E-13   354.022500    -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000     -5.91E-13   363.065625    -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000     -5.91E-13   372.108750    -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000     -5.91E-13   381.151875    -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000     -5.91E-13   390.195000    -4.73E-14
 .000000     4.72E-14 -389.961000

COMB    ULB09 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.91E-13   354.022500    -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000     -5.91E-13   363.065625    -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000     -5.91E-13   372.108750    -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000     -5.91E-13   381.151875    -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000     -5.91E-13   390.195000    -4.73E-14
 .000000     4.72E-14 -389.961000

COMB    ULB10 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250    16.339500
 .000000   -14.992706  -312.348047
0.25000     -5.68E-13   349.101563    16.756875
 .000000   -15.716689  -327.431030
0.50000     -5.68E-13   357.796875    17.174250
 .000000   -16.458933  -342.894434
0.75000     -5.68E-13   366.492188    17.591625
 .000000   -17.219436  -358.738257
1.00000     -5.68E-13   375.187500    18.009000
 .000000   -17.998200  -374.962500

COMB    ULB10 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250    16.339500
 .000000   -14.992706  -312.348047
0.25000     -5.68E-13   349.101563    16.756875
 .000000   -15.716689  -327.431030
0.50000     -5.68E-13   357.796875    17.174250
 .000000   -16.458933  -342.894434
0.75000     -5.68E-13   366.492188    17.591625
 .000000   -17.219436  -358.738257
1.00000     -5.68E-13   375.187500    18.009000
 .000000   -17.998200  -374.962500
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L   F O R C E S

COMB    ULB11 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250    16.339500
 .000000   -14.992706  -312.348047
0.25000     -5.68E-13   349.101563    16.756875
 .000000   -15.716689  -327.431030
0.50000     -5.68E-13   357.796875    17.174250
 .000000   -16.458933  -342.894434
0.75000     -5.68E-13   366.492188    17.591625
 .000000   -17.219436  -358.738257
1.00000     -5.68E-13   375.187500    18.009000
 .000000   -17.998200  -374.962500

COMB    ULB11 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250    16.339500
 .000000   -14.992706  -312.348047
0.25000     -5.68E-13   349.101563    16.756875
 .000000   -15.716689  -327.431030
0.50000     -5.68E-13   357.796875    17.174250
 .000000   -16.458933  -342.894434
0.75000     -5.68E-13   366.492188    17.591625
 .000000   -17.219436  -358.738257
1.00000     -5.68E-13   375.187500    18.009000
 .000000   -17.998200  -374.962500

COMB    ULB12 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.66E-12   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -9.66E-12   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -9.66E-12   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -9.66E-12   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -9.66E-12   375.187500     9.004500
 .000000   -8.999100  -374.962500

COMB    ULB12 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.66E-12   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -9.66E-12   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -9.66E-12   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -9.66E-12   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -9.66E-12   375.187500     9.004500
 .000000   -8.999100  -374.962500

COMB    ULB13 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.66E-12   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -9.66E-12   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -9.66E-12   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -9.66E-12   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -9.66E-12   375.187500     9.004500
 .000000   -8.999100  -374.962500

COMB    ULB13 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.66E-12   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -9.66E-12   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -9.66E-12   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -9.66E-12   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -9.66E-12   375.187500     9.004500
 .000000   -8.999100  -374.962500
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L   F O R C E S

COMB    ULB14 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -5.68E-13   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -5.68E-13   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -5.68E-13   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -5.68E-13   375.187500     9.004500
 .000000   -8.999100  -374.962500

COMB    ULB14 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -5.68E-13   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -5.68E-13   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -5.68E-13   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -5.68E-13   375.187500     9.004500
 .000000   -8.999100  -374.962500

COMB    ULB15 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -5.68E-13   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -5.68E-13   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -5.68E-13   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -5.68E-13   375.187500     9.004500
 .000000   -8.999100  -374.962500

COMB    ULB15 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.68E-13   340.406250     8.169750
 .000000   -7.496353  -312.348047
0.25000     -5.68E-13   349.101563     8.378438
 .000000   -7.858345  -327.431030
0.50000     -5.68E-13   357.796875     8.587125
 .000000   -8.229466  -342.894434
0.75000     -5.68E-13   366.492188     8.795813
 .000000   -8.609718  -358.738257
1.00000     -5.68E-13   375.187500     9.004500
 .000000   -8.999100  -374.962500

COMB    ULB16 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000    -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     -4.55E-13   279.281250    -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     -4.55E-13   286.237500    -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     -4.55E-13   293.193750    -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     -4.55E-13   300.150000    -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    ULB16 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000    -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     -4.55E-13   279.281250    -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     -4.55E-13   286.237500    -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     -4.55E-13   293.193750    -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     -4.55E-13   300.150000    -3.64E-14
 .000000     3.63E-14 -299.970000
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L   F O R C E S

COMB    ULB17 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -1.00E-11   354.022500    -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000     -1.00E-11   363.065625    -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000     -1.00E-11   372.108750    -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000     -1.00E-11   381.151875    -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000     -1.00E-11   390.195000    -4.73E-14
 .000000     4.72E-14 -389.961000

COMB    ULB17 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -1.00E-11   354.022500    -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000     -1.00E-11   363.065625    -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000     -1.00E-11   372.108750    -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000     -1.00E-11   381.151875    -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000     -1.00E-11   390.195000    -4.73E-14
 .000000     4.72E-14 -389.961000

COMB    ULB18 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.46E-13   326.790000    15.685920
 .000000   -14.392998  -299.854125
0.25000     -5.46E-13   335.137500    16.086600
 .000000   -15.088022  -314.333789
0.50000     -5.46E-13   343.485000    16.487280
 .000000   -15.800576  -329.178656
0.75000     -5.46E-13   351.832500    16.887960
 .000000   -16.530659  -344.388727
1.00000     -5.46E-13   360.180000    17.288640
 .000000   -17.278272  -359.964000

COMB    ULB18 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -5.46E-13   326.790000    15.685920
 .000000   -14.392998  -299.854125
0.25000     -5.46E-13   335.137500    16.086600
 .000000   -15.088022  -314.333789
0.50000     -5.46E-13   343.485000    16.487280
 .000000   -15.800576  -329.178656
0.75000     -5.46E-13   351.832500    16.887960
 .000000   -16.530659  -344.388727
1.00000     -5.46E-13   360.180000    17.288640
 .000000   -17.278272  -359.964000

COMB    UEB01 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -1.61E-11   272.325000    -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     -1.61E-11   279.281250    -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     -1.61E-11   286.237500    -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     -1.61E-11   293.193750    -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     -1.61E-11   300.150000    -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEB01 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -1.61E-11   272.325000    -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     -1.61E-11   279.281250    -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     -1.61E-11   286.237500    -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     -1.61E-11   293.193750    -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     -1.61E-11   300.150000    -3.64E-14
 .000000     3.63E-14 -299.970000
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L   F O R C E S

COMB    UEB02 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000    -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     -4.55E-13   279.281250    -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     -4.55E-13   286.237500    -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     -4.55E-13   293.193750    -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     -4.55E-13   300.150000    -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEB02 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000    -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     -4.55E-13   279.281250    -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     -4.55E-13   286.237500    -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     -4.55E-13   293.193750    -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     -4.55E-13   300.150000    -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEB03 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000    16.993080
 .000000   -15.592415  -249.878437
0.25000     -4.55E-13   279.281250    17.427150
 .000000   -16.345357  -261.944824
0.50000     -4.55E-13   286.237500    17.861220
 .000000   -17.117290  -274.315547
0.75000     -4.55E-13   293.193750    18.295290
 .000000   -17.908214  -286.990605
1.00000     -4.55E-13   300.150000    18.729360
 .000000   -18.718128  -299.970000

COMB    UEB03 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000    16.993080
 .000000   -15.592415  -249.878437
0.25000     -4.55E-13   279.281250    17.427150
 .000000   -16.345357  -261.944824
0.50000     -4.55E-13   286.237500    17.861220
 .000000   -17.117290  -274.315547
0.75000     -4.55E-13   293.193750    18.295290
 .000000   -17.908214  -286.990605
1.00000     -4.55E-13   300.150000    18.729360
 .000000   -18.718128  -299.970000

COMB    UEB04 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.91E-12   272.325000     8.496540
 .000000   -7.796207  -249.878437
0.25000     -9.91E-12   279.281250     8.713575
 .000000   -8.172679  -261.944824
0.50000     -9.91E-12   286.237500     8.930610
 .000000   -8.558645  -274.315547
0.75000     -9.91E-12   293.193750     9.147645
 .000000   -8.954107  -286.990605
1.00000     -9.91E-12   300.150000     9.364680
 .000000   -9.359064  -299.970000

COMB    UEB04 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.91E-12   272.325000     8.496540
 .000000   -7.796207  -249.878437
0.25000     -9.91E-12   279.281250     8.713575
 .000000   -8.172679  -261.944824
0.50000     -9.91E-12   286.237500     8.930610
 .000000   -8.558645  -274.315547
0.75000     -9.91E-12   293.193750     9.147645
 .000000   -8.954107  -286.990605
1.00000     -9.91E-12   300.150000     9.364680
 .000000   -9.359064  -299.970000
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L   F O R C E S

COMB    UEB05 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000     8.496540
 .000000   -7.796207  -249.878437
0.25000     -4.55E-13   279.281250     8.713575
 .000000   -8.172679  -261.944824
0.50000     -4.55E-13   286.237500     8.930610
 .000000   -8.558645  -274.315547
0.75000     -4.55E-13   293.193750     9.147645
 .000000   -8.954107  -286.990605
1.00000     -4.55E-13   300.150000     9.364680
 .000000   -9.359064  -299.970000

COMB    UEB05 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -4.55E-13   272.325000     8.496540
 .000000   -7.796207  -249.878437
0.25000     -4.55E-13   279.281250     8.713575
 .000000   -8.172679  -261.944824
0.50000     -4.55E-13   286.237500     8.930610
 .000000   -8.558645  -274.315547
0.75000     -4.55E-13   293.193750     9.147645
 .000000   -8.954107  -286.990605
1.00000     -4.55E-13   300.150000     9.364680
 .000000   -9.359064  -299.970000

COMB    UEB06 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.91E-12   272.325000    -3.30E-14
 .000000     3.79E-11 -249.878437
0.25000     -9.91E-12   279.281250    -3.38E-14
 .000000     3.79E-11 -261.944824
0.50000     -9.91E-12   286.237500    -3.47E-14
 .000000     3.79E-11 -274.315547
0.75000     -9.91E-12   293.193750    -3.55E-14
 .000000     3.79E-11 -286.990605
1.00000     -9.91E-12   300.150000    -3.64E-14
 .000000     3.79E-11 -299.970000

COMB    UEB06 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -9.91E-12   272.325000    -3.30E-14
 .000000     3.79E-11 -249.878437
```

0.25000	-9.91E-12	279.281250	-3.38E-14
.000000	3.79E-11	-261.944824	
0.50000	-9.91E-12	286.237500	-3.47E-14
.000000	3.79E-11	-274.315547	
0.75000	-9.91E-12	293.193750	-3.55E-14
.000000	3.79E-11	-286.990605	
1.00000	-9.91E-12	300.150000	-3.64E-14
.000000	3.79E-11	-299.970000	

COMB UEB07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.91E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.91E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.91E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.91E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.91E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB UEB07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.91E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.91E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.91E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.91E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.91E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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COMB UEB08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.79E-11	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.79E-11	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.79E-11	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.79E-11	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.79E-11	-299.970000	

COMB UEB08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.79E-11	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.79E-11	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.79E-11	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.79E-11	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.79E-11	-299.970000	

COMB UEB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB UEB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB UEB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	16.339500
.000000	-14.992706	-237.384516	
0.25000	-4.32E-13	265.317188	16.756875
.000000	-15.716689	-248.847583	
0.50000	-4.32E-13	271.925625	17.174250
.000000	-16.458933	-260.599770	
0.75000	-4.32E-13	278.534063	17.591625
.000000	-17.219436	-272.641075	
1.00000	-4.32E-13	285.142500	18.009000
.000000	-17.998200	-284.971500	

COMB UEB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	16.339500
.000000	-14.992706	-237.384516	
0.25000	-4.32E-13	265.317188	16.756875
.000000	-15.716689	-248.847583	
0.50000	-4.32E-13	271.925625	17.174250
.000000	-16.458933	-260.599770	
0.75000	-4.32E-13	278.534063	17.591625
.000000	-17.219436	-272.641075	
1.00000	-4.32E-13	285.142500	18.009000
.000000	-17.998200	-284.971500	

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COMB UEB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	16.339500
.000000	-14.992706	-237.384516	
0.25000	-4.32E-13	265.317188	16.756875
.000000	-15.716689	-248.847583	
0.50000	-4.32E-13	271.925625	17.174250
.000000	-16.458933	-260.599770	
0.75000	-4.32E-13	278.534063	17.591625
.000000	-17.219436	-272.641075	
1.00000	-4.32E-13	285.142500	18.009000
.000000	-17.998200	-284.971500	

COMB UEB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	16.339500
.000000	-14.992706	-237.384516	
0.25000	-4.32E-13	265.317188	16.756875
.000000	-15.716689	-248.847583	
0.50000	-4.32E-13	271.925625	17.174250
.000000	-16.458933	-260.599770	
0.75000	-4.32E-13	278.534063	17.591625
.000000	-17.219436	-272.641075	
1.00000	-4.32E-13	285.142500	18.009000
.000000	-17.998200	-284.971500	

COMB UEB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.53E-12	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-9.53E-12	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-9.53E-12	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-9.53E-12	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-9.53E-12	285.142500	9.004500
.000000	-8.999100	-284.971500	

COMB UEB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.53E-12	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-9.53E-12	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-9.53E-12	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-9.53E-12	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-9.53E-12	285.142500	9.004500
.000000	-8.999100	-284.971500	

COMB UEB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.53E-12	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-9.53E-12	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-9.53E-12	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-9.53E-12	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-9.53E-12	285.142500	9.004500
.000000	-8.999100	-284.971500	

COMB UEB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.53E-12	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-9.53E-12	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-9.53E-12	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-9.53E-12	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-9.53E-12	285.142500	9.004500
.000000	-8.999100	-284.971500	

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COMB UEB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-4.32E-13	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-4.32E-13	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-4.32E-13	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-4.32E-13	285.142500	9.004500
.000000	-8.999100	-284.971500	

COMB UEB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-4.32E-13	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-4.32E-13	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-4.32E-13	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-4.32E-13	285.142500	9.004500
.000000	-8.999100	-284.971500	

COMB UEB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-4.32E-13	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-4.32E-13	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-4.32E-13	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-4.32E-13	285.142500	9.004500
.000000	-8.999100	-284.971500	

COMB UEB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.32E-13	258.708750	8.169750
.000000	-7.496353	-237.384516	
0.25000	-4.32E-13	265.317188	8.378438
.000000	-7.858345	-248.847583	
0.50000	-4.32E-13	271.925625	8.587125
.000000	-8.229466	-260.599770	
0.75000	-4.32E-13	278.534063	8.795813
.000000	-8.609718	-272.641075	
1.00000	-4.32E-13	285.142500	9.004500
.000000	-8.999100	-284.971500	

COMB UEB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB UEB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.55E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-4.55E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-4.55E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-4.55E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-4.55E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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COMB UEB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.91E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.91E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.91E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.91E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.91E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB UEB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.91E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.91E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.91E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.91E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.91E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB UEB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.09E-13	245.092500	15.685920
.000000	-14.392998	-224.890594	
0.25000	-4.09E-13	251.353125	16.086600
.000000	-15.088022	-235.750342	
0.50000	-4.09E-13	257.613750	16.487280
.000000	-15.800576	-246.883992	
0.75000	-4.09E-13	263.874375	16.887960
.000000	-16.530659	-258.291545	
1.00000	-4.09E-13	270.135000	17.288640
.000000	-17.278272	-269.973000	

COMB UEB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.09E-13	245.092500	15.685920
.000000	-14.392998	-224.890594	
0.25000	-4.09E-13	251.353125	16.086600
.000000	-15.088022	-235.750342	
0.50000	-4.09E-13	257.613750	16.487280
.000000	-15.800576	-246.883992	
0.75000	-4.09E-13	263.874375	16.887960
.000000	-16.530659	-258.291545	
1.00000	-4.09E-13	270.135000	17.288640
.000000	-17.278272	-269.973000	

COMB SVO01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-8.19E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-8.19E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-8.19E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-8.19E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-8.19E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-8.19E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-8.19E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-8.19E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.09E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.09E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.09E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.09E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.09E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.09E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.09E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.09E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.09E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.09E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	
0.25000	-19.080000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-19.080000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-19.080000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-19.080000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	
0.25000	-19.080000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-19.080000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-19.080000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-19.080000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.00E-11	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	5.00E-11	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	5.00E-11	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	5.00E-11	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	5.00E-11	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.00E-11	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	5.00E-11	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	5.00E-11	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	5.00E-11	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	5.00E-11	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-8.19E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-8.19E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-8.19E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-8.19E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-8.19E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-8.19E-12	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-8.19E-12	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-8.19E-12	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-8.19E-12	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-8.19E-12	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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COMB SVO08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	5.73E-11	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	5.73E-11	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	5.73E-11	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	5.73E-11	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	5.73E-11	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	5.73E-11	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	5.73E-11	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	5.73E-11	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	5.73E-11	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	5.73E-11	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.09E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.09E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.09E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.09E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.09E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.09E-13	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.09E-13	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.09E-13	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.09E-13	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.09E-13	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-19.080000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-19.080000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-19.080000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-19.080000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-19.080000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-19.080000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-19.080000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-19.080000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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COMB SVO11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	
0.25000	-19.080000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-19.080000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-19.080000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-19.080000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-19.080000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878438	
0.25000	-19.080000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-19.080000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-19.080000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-19.080000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

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COMB SVO14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB SVO15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.540000	272.325000	-3.30E-14
.000000	3.03E-14	-249.878437	
0.25000	-9.540000	279.281250	-3.38E-14
.000000	3.17E-14	-261.944824	
0.50000	-9.540000	286.237500	-3.47E-14
.000000	3.32E-14	-274.315547	
0.75000	-9.540000	293.193750	-3.55E-14
.000000	3.48E-14	-286.990605	
1.00000	-9.540000	300.150000	-3.64E-14
.000000	3.63E-14	-299.970000	

COMB ULO01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-1.68E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.68E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.68E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.68E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.68E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.68E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.68E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.68E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.68E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.68E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-1.18E-12	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.18E-12	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.18E-12	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.18E-12	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.18E-12	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.18E-12	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.18E-12	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.18E-12	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.18E-12	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.18E-12	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-24.804000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-24.804000	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-24.804000	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-24.804000	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-24.804000	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-24.804000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-24.804000	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-24.804000	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-24.804000	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-24.804000	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-12.402000	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-12.402000	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-12.402000	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-12.402000	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-12.402000	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-12.402000	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-12.402000	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-12.402000	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-12.402000	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-12.402000	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-12.402000	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-12.402000	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.402000	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-12.402000	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-12.402000	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-12.402000	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-12.402000	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.50E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	6.50E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	6.50E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	6.50E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	6.50E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	6.50E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	6.50E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	6.50E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	6.50E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	6.50E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-1.06E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.06E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.06E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.06E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.06E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.06E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.06E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.06E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.06E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.06E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.45E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	7.45E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	7.45E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	7.45E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	7.45E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	7.45E-11	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	7.45E-11	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	7.45E-11	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	7.45E-11	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	7.45E-11	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-1.18E-12	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.18E-12	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.18E-12	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.18E-12	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.18E-12	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.18E-12	354.022500	-4.29E-14
.000000	3.93E-14	-324.841969	
0.25000	-1.18E-12	363.065625	-4.40E-14
.000000	4.12E-14	-340.528271	
0.50000	-1.18E-12	372.108750	-4.51E-14
.000000	4.32E-14	-356.610211	
0.75000	-1.18E-12	381.151875	-4.62E-14
.000000	4.52E-14	-373.087787	
1.00000	-1.18E-12	390.195000	-4.73E-14
.000000	4.72E-14	-389.961000	

COMB ULO10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-23.850000	340.406250	-4.12E-14
.000000	3.78E-14	-312.348047	
0.25000	-23.850000	349.101563	-4.23E-14
.000000	3.97E-14	-327.431030	
0.50000	-23.850000	357.796875	-4.33E-14
.000000	4.15E-14	-342.894434	
0.75000	-23.850000	366.492188	-4.44E-14

```
 .000000     4.34E-14 -358.738257
1.00000    -23.850000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO10 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -23.850000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -23.850000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -23.850000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -23.850000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -23.850000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500
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COMB    ULO11 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -23.850000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -23.850000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -23.850000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -23.850000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -23.850000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO11 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -23.850000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -23.850000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -23.850000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -23.850000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -23.850000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO12 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO12 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO13 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO13 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500
Program  SAP2000  Nonlinear  Version  7.42
                 File:청도1교상행_P11_본체.OUT

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L   F O R C E S

COMB    ULO14 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO14 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO15 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO15 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -11.925000    340.406250     -4.12E-14
 .000000     3.78E-14 -312.348047
0.25000    -11.925000    349.101563     -4.23E-14
 .000000     3.97E-14 -327.431030
0.50000    -11.925000    357.796875     -4.33E-14
 .000000     4.15E-14 -342.894434
0.75000    -11.925000    366.492188     -4.44E-14
 .000000     4.34E-14 -358.738257
1.00000    -11.925000    375.187500     -4.54E-14
 .000000     4.54E-14 -374.962500

COMB    ULO16 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -9.09E-13    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -9.09E-13    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -9.09E-13    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -9.09E-13    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -9.09E-13    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    ULO16 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -9.09E-13    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -9.09E-13    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -9.09E-13    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -9.09E-13    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -9.09E-13    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000
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COMB    ULO17 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.06E-11    354.022500     -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000    -1.06E-11    363.065625     -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000    -1.06E-11    372.108750     -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000    -1.06E-11    381.151875     -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000    -1.06E-11    390.195000     -4.73E-14
 .000000     4.72E-14 -389.961000

COMB    ULO17 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.06E-11    354.022500     -4.29E-14
 .000000     3.93E-14 -324.841969
0.25000    -1.06E-11    363.065625     -4.40E-14
 .000000     4.12E-14 -340.528271
0.50000    -1.06E-11    372.108750     -4.51E-14
 .000000     4.32E-14 -356.610211
0.75000    -1.06E-11    381.151875     -4.62E-14
 .000000     4.52E-14 -373.087787
1.00000    -1.06E-11    390.195000     -4.73E-14
 .000000     4.72E-14 -389.961000

COMB    ULO18 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -22.896000    326.790000     -3.96E-14
 .000000     3.63E-14 -299.854125
0.25000    -22.896000    335.137500     -4.06E-14
 .000000     3.81E-14 -314.333789
0.50000    -22.896000    343.485000     -4.16E-14
 .000000     3.99E-14 -329.178656
0.75000    -22.896000    351.832500     -4.26E-14
 .000000     4.17E-14 -344.388727
1.00000    -22.896000    360.180000     -4.36E-14
 .000000     4.36E-14 -359.964000

COMB    ULO18 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -22.896000    326.790000     -3.96E-14
 .000000     3.63E-14 -299.854125
0.25000    -22.896000    335.137500     -4.06E-14
 .000000     3.81E-14 -314.333789
0.50000    -22.896000    343.485000     -4.16E-14
 .000000     3.99E-14 -329.178656
0.75000    -22.896000    351.832500     -4.26E-14
 .000000     4.17E-14 -344.388727
1.00000    -22.896000    360.180000     -4.36E-14
 .000000     4.36E-14 -359.964000

COMB    UEO01 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.67E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.67E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.67E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.67E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.67E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO01 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.67E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.67E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.67E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.67E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.67E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000
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COMB    UEO02 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.05E-12    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.05E-12    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.05E-12    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.05E-12    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.05E-12    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO02 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.05E-12    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.05E-12    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.05E-12    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.05E-12    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.05E-12    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO03 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -24.804000    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878438
0.25000    -24.804000    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -24.804000    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -24.804000    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -24.804000    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO03 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -24.804000    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878438
0.25000    -24.804000    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -24.804000    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -24.804000    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -24.804000    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO04 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -12.402000    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -12.402000    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -12.402000    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -12.402000    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -12.402000    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO04 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -12.402000    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -12.402000    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -12.402000    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -12.402000    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -12.402000    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000
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COMB    UEO05 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -12.402000    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -12.402000    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -12.402000    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -12.402000    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -12.402000    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO05 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -12.402000    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -12.402000    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -12.402000    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -12.402000    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -12.402000    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO06 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     6.52E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     6.52E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     6.52E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     6.52E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     6.52E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO06 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000     6.52E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     6.52E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     6.52E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     6.52E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     6.52E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO07 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.05E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.05E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.05E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.05E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.05E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO07 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.05E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.05E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.05E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.05E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.05E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000
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COMB    UEO08 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     7.46E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     7.46E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     7.46E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     7.46E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     7.46E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO08 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000     7.46E-11    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000     7.46E-11    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000     7.46E-11    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000     7.46E-11    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000     7.46E-11    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO09 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.05E-12    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.05E-12    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.05E-12    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.05E-12    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.05E-12    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO09 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.05E-12    272.325000     -3.30E-14
 .000000     3.03E-14 -249.878437
0.25000    -1.05E-12    279.281250     -3.38E-14
 .000000     3.17E-14 -261.944824
0.50000    -1.05E-12    286.237500     -3.47E-14
 .000000     3.32E-14 -274.315547
0.75000    -1.05E-12    293.193750     -3.55E-14
 .000000     3.48E-14 -286.990605
1.00000    -1.05E-12    300.150000     -3.64E-14
 .000000     3.63E-14 -299.970000

COMB    UEO10 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -23.850000    258.708750     -3.13E-14
 .000000     2.87E-14 -237.384516
0.25000    -23.850000    265.317188     -3.21E-14
 .000000     3.01E-14 -248.847583
0.50000    -23.850000    271.925625     -3.29E-14
 .000000     3.16E-14 -260.599770
0.75000    -23.850000    278.534063     -3.37E-14
 .000000     3.30E-14 -272.641075
1.00000    -23.850000    285.142500     -3.45E-14
 .000000     3.45E-14 -284.971500

COMB    UEO10 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -23.850000    258.708750     -3.13E-14
 .000000     2.87E-14 -237.384516
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 0.25000    -23.850000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -23.850000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -23.850000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -23.850000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500
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 COMB    UEO11 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -23.850000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -23.850000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -23.850000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -23.850000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -23.850000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO11 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -23.850000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -23.850000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -23.850000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -23.850000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -23.850000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO12 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO12 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO13 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO13 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500
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L   F O R C E S

 COMB    UEO14 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO14 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO15 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO15 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.925000    258.708750    -3.13E-14
 .000000     2.87E-14   -237.384516
 0.25000    -11.925000    265.317188    -3.21E-14
 .000000     3.01E-14   -248.847583
 0.50000    -11.925000    271.925625    -3.29E-14
 .000000     3.16E-14   -260.599770
 0.75000    -11.925000    278.534063    -3.37E-14
 .000000     3.30E-14   -272.641075
 1.00000    -11.925000    285.142500    -3.45E-14
 .000000     3.45E-14   -284.971500

 COMB    UEO16 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -9.09E-13    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -9.09E-13    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -9.09E-13    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -9.09E-13    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -9.09E-13    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000

 COMB    UEO16 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -9.09E-13    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -9.09E-13    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -9.09E-13    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -9.09E-13    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -9.09E-13    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000
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L   F O R C E S

 COMB    UEO17 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.05E-11    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -1.05E-11    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -1.05E-11    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -1.05E-11    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -1.05E-11    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000

 COMB    UEO17 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.05E-11    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -1.05E-11    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -1.05E-11    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -1.05E-11    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -1.05E-11    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000

 COMB    UEO18 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -22.896000    245.092500    -2.97E-14
 .000000     2.72E-14   -224.890594
 0.25000    -22.896000    251.353125    -3.04E-14
 .000000     2.86E-14   -235.750342
 0.50000    -22.896000    257.613750    -3.12E-14
 .000000     2.99E-14   -246.883992
 0.75000    -22.896000    263.874375    -3.20E-14
 .000000     3.13E-14   -258.291545
 1.00000    -22.896000    270.135000    -3.27E-14
 .000000     3.27E-14   -269.973000

 COMB    UEO18 ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -22.896000    245.092500    -2.97E-14
 .000000     2.72E-14   -224.890594
 0.25000    -22.896000    251.353125    -3.04E-14
 .000000     2.86E-14   -235.750342
 0.50000    -22.896000    257.613750    -3.12E-14
 .000000     2.99E-14   -246.883992
 0.75000    -22.896000    263.874375    -3.20E-14
 .000000     3.13E-14   -258.291545
 1.00000    -22.896000    270.135000    -3.27E-14
 .000000     3.27E-14   -269.973000

 COMB ENVBULT ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.62E-11    354.022500    -4.29E-14
 .000000     3.93E-14   -324.841969
 0.25000    -1.62E-11    363.065625    -4.40E-14
 .000000     4.12E-14   -340.528271
 0.50000    -1.62E-11    372.108750    -4.51E-14
 .000000     4.32E-14   -356.610211
 0.75000    -1.62E-11    381.151875    -4.62E-14
 .000000     4.52E-14   -373.087787
 1.00000    -1.62E-11    390.195000    -4.73E-14
 .000000     4.72E-14   -389.961000
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L   F O R C E S

 COMB ENVBECC ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -4.55E-13    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -4.55E-13    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -4.55E-13    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -4.55E-13    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -4.55E-13    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000

 COMB ENVBECC ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.61E-11    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -1.61E-11    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -1.61E-11    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -1.61E-11    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -1.61E-11    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000

 COMB ENVOULT ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.68E-11    354.022500    -4.29E-14
 .000000     3.93E-14   -324.841969
 0.25000    -1.68E-11    363.065625    -4.40E-14
 .000000     4.12E-14   -340.528271
 0.50000    -1.68E-11    372.108750    -4.51E-14
 .000000     4.32E-14   -356.610211
 0.75000    -1.68E-11    381.151875    -4.62E-14
 .000000     4.52E-14   -373.087787
 1.00000    -1.68E-11    390.195000    -4.73E-14
 .000000     4.72E-14   -389.961000

 COMB ENVOULT ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.68E-11    354.022500    -4.29E-14
 .000000     3.93E-14   -324.841969
 0.25000    -1.68E-11    363.065625    -4.40E-14
 .000000     4.12E-14   -340.528271
 0.50000    -1.68E-11    372.108750    -4.51E-14
 .000000     4.32E-14   -356.610211
 0.75000    -1.68E-11    381.151875    -4.62E-14
 .000000     4.52E-14   -373.087787
 1.00000    -1.68E-11    390.195000    -4.73E-14
 .000000     4.72E-14   -389.961000

 COMB ENVOECC ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.05E-12    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -1.05E-12    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -1.05E-12    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -1.05E-12    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -1.05E-12    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000

 COMB ENVOECC ------------------ MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.67E-11    272.325000    -3.30E-14
 .000000     3.03E-14   -249.878437
 0.25000    -1.67E-11    279.281250    -3.38E-14
 .000000     3.17E-14   -261.944824
 0.50000    -1.67E-11    286.237500    -3.47E-14
 .000000     3.32E-14   -274.315547
 0.75000    -1.67E-11    293.193750    -3.55E-14
 .000000     3.48E-14   -286.990605
 1.00000    -1.67E-11    300.150000    -3.64E-14
 .000000     3.63E-14   -299.970000
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L   F O R C E S

 ELEM        4 ========== LENGTH =
 0.800000

 LOAD        D ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -5.68E-13     6136.710    -7.43E-13
-4.73E-30     3.63E-14   -299.970000
 0.25000    -5.68E-13     6168.510    -7.47E-13
-4.73E-30     1.85E-13    -1530.492
 0.50000    -5.68E-13     6200.310    -7.51E-13
-4.73E-30     3.35E-13    -2767.374
 0.75000    -5.68E-13     6232.110    -7.55E-13
-4.73E-30     4.86E-13    -4010.616
 1.00000    -5.68E-13     6263.910    -7.59E-13
-4.73E-30     6.37E-13    -5260.218

 LOAD        L1 ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -9.09E-12     1777.860    -2.15E-13
-7.89E-31     4.04E-28     7.73E-12
 0.25000    -9.09E-12     1777.860    -2.15E-13
-7.89E-31     4.31E-14   -355.572000
 0.50000    -9.09E-12     1777.860    -2.15E-13
-7.89E-31     8.61E-14   -711.144000
 0.75000    -9.09E-12     1777.860    -2.15E-13
-7.89E-31     1.29E-13    -1066.716
 1.00000    -9.09E-12     1777.860    -2.15E-13
-7.89E-31     1.72E-13    -1422.288

 LOAD        W-LO ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -7.89E-30     1.74E-15    14.407200
-2.73E-12   -14.398560    -1.74E-15
 0.25000    -7.89E-30     1.93E-15    15.933600
-2.73E-12   -17.432640    -2.11E-15
 0.50000    -7.89E-30     2.11E-15    17.460000
-2.73E-12   -20.772000    -2.52E-15
 0.75000    -7.89E-30     2.30E-15    18.986400
-2.73E-12   -24.416640    -2.96E-15
 1.00000    -7.89E-30     2.48E-15    20.512800
-2.73E-12   -28.366560    -3.44E-15

 LOAD        G-LO2 ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.26E-28     3.53E-14    291.828000
400.388000    -2.91E-11    -9.69E-27
 0.25000    -1.26E-28     3.53E-14    291.828000
400.388000    -58.365600    -7.07E-15
 0.50000    -1.26E-28     3.53E-14    291.828000
400.388000   -116.731200    -1.41E-14
 0.75000    -1.26E-28     3.53E-14    291.828000
400.388000   -175.096800    -2.12E-14
 1.00000    -1.26E-28     3.53E-14    291.828000
400.388000   -233.462400    -2.83E-14

 LOAD        E-LO ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     .000000       .000000       .000000
 .000000     .000000       .000000
 0.25000     .000000       .000000       .000000
 .000000     .000000       .000000
 0.50000     .000000       .000000       .000000
 .000000     .000000       .000000
 0.75000     .000000       .000000       .000000
 .000000     .000000       .000000
 1.00000     .000000       .000000       .000000
 .000000     .000000       .000000

 LOAD        W-TR ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000  -369.846000    -1.27E-11     2.02E-28
-3.16E-30    -1.43E-13     1179.280
 0.25000  -369.846000    -1.27E-11     2.02E-28
-3.16E-30    -1.43E-13     1179.280
 0.50000  -369.846000    -1.27E-11     2.02E-28
-3.16E-30    -1.43E-13     1179.280
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L   F O R C E S

 REL DIST            P             V2             V3
        T            M2            M3
 0.75000  -369.846000    -1.27E-11     2.02E-28
-3.16E-30    -1.43E-13     1179.280
 1.00000  -369.846000    -1.27E-11     2.02E-28
-3.16E-30    -1.43E-13     1179.280

 LOAD        WL ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -39.000000    -2.05E-12     2.52E-29
-3.94E-31    -2.70E-14   222.690000
 0.25000    -39.000000    -2.05E-12     2.52E-29
-3.94E-31    -2.70E-14   222.690000
 0.50000    -39.000000    -2.05E-12     2.52E-29
-3.94E-31    -2.70E-14   222.690000
 0.75000    -39.000000    -2.05E-12     2.52E-29
-3.94E-31    -2.70E-14   222.690000
 1.00000    -39.000000    -2.05E-12     2.52E-29
-3.94E-31    -2.70E-14   222.690000

 LOAD        G-TR ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     8.00E-11     1.14E-12    -4.42E-29
-7.89E-31    -7.57E-29     6.59E-12
 0.25000     8.00E-11     1.14E-12    -4.42E-29
-7.89E-31    -6.69E-29     6.37E-12
 0.50000     8.00E-11     1.14E-12    -4.42E-29
-7.89E-31    -5.81E-29     6.14E-12
 0.75000     8.00E-11     1.14E-12    -4.42E-29
-7.89E-31    -4.92E-29     5.91E-12
 1.00000     8.00E-11     1.14E-12    -4.42E-29
-7.89E-31    -4.04E-29     5.68E-12

 LOAD        E-TR ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     .000000       .000000       .000000
 .000000     .000000       .000000
 0.25000     .000000       .000000       .000000
 .000000     .000000       .000000
 0.50000     .000000       .000000       .000000
 .000000     .000000       .000000
 0.75000     .000000       .000000       .000000
 .000000     .000000       .000000
 1.00000     .000000       .000000       .000000
 .000000     .000000       .000000

 LOAD        Q1-TR ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -5.68E-13    -7.11E-15     .000000
-1.54E-33     2.96E-31    -1.69E-14
 0.25000    -5.68E-13    -7.11E-15     .000000
-1.54E-33     2.96E-31    -1.55E-14
 0.50000    -5.68E-13    -7.11E-15     .000000
-1.54E-33     2.96E-31    -1.40E-14
 0.75000    -5.68E-13    -7.11E-15     .000000
-1.54E-33     2.96E-31    -1.26E-14
 1.00000    -5.68E-13    -7.11E-15     .000000
-1.54E-33     2.96E-31    -1.12E-14

 LOAD        COL-TR ------------------

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -1.82E-12    -1.78E-14     .000000
-6.16E-33     1.38E-30    -5.68E-14
 0.25000    -1.82E-12    -1.78E-14     .000000
-6.16E-33     1.38E-30    -5.33E-14
 0.50000    -1.82E-12    -1.78E-14     .000000
-6.16E-33     1.38E-30    -4.97E-14
 0.75000    -1.82E-12    -1.78E-14     .000000
-6.16E-33     1.38E-30    -4.62E-14
 1.00000    -1.82E-12    -1.78E-14     .000000
-6.16E-33     1.38E-30    -4.26E-14

 COMB    SVB01 ------------------ MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -9.66E-12     7914.570    -9.59E-13
-5.52E-30     3.63E-14   -299.970000
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REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		-9.66E-12	7946.370	-9.62E-13
-5.52E-30		2.28E-13	-1886.064	
0.50000		-9.66E-12	7978.170	-9.66E-13
-5.52E-30		4.21E-13	-3478.518	
0.75000		-9.66E-12	8009.970	-9.70E-13
-5.52E-30		6.15E-13	-5077.332	
1.00000		-9.66E-12	8041.770	-9.74E-13
-5.52E-30		8.09E-13	-6682.506	

COMB SVB01 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	-9.59E-13
-5.52E-30		3.63E-14	-299.970000	
0.25000		-9.66E-12	7946.370	-9.62E-13
-5.52E-30		2.28E-13	-1886.064	
0.50000		-9.66E-12	7978.170	-9.66E-13
-5.52E-30		4.21E-13	-3478.518	
0.75000		-9.66E-12	8009.970	-9.70E-13
-5.52E-30		6.15E-13	-5077.332	
1.00000		-9.66E-12	8041.770	-9.74E-13
-5.52E-30		8.09E-13	-6682.506	

COMB SVB02 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	-7.43E-13
-4.73E-30		3.63E-14	-299.970000	
0.25000		-5.68E-13	6168.510	-7.47E-13
-4.73E-30		1.85E-13	-1530.492	
0.50000		-5.68E-13	6200.310	-7.51E-13
-4.73E-30		3.35E-13	-2767.374	
0.75000		-5.68E-13	6232.110	-7.55E-13
-4.73E-30		4.86E-13	-4010.616	
1.00000		-5.68E-13	6263.910	-7.59E-13
-4.73E-30		6.37E-13	-5260.218	

COMB SVB02 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	-7.43E-13
-4.73E-30		3.63E-14	-299.970000	
0.25000		-5.68E-13	6168.510	-7.47E-13
-4.73E-30		1.85E-13	-1530.492	
0.50000		-5.68E-13	6200.310	-7.51E-13
-4.73E-30		3.35E-13	-2767.374	
0.75000		-5.68E-13	6232.110	-7.55E-13
-4.73E-30		4.86E-13	-4010.616	
1.00000		-5.68E-13	6263.910	-7.59E-13
-4.73E-30		6.37E-13	-5260.218	

COMB SVB03 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	14.407200
-2.73E-12		-14.398560	-299.970000	
0.25000		-5.68E-13	6168.510	15.933600
-2.73E-12		-17.432640	-1530.492	
0.50000		-5.68E-13	6200.310	17.460000
-2.73E-12		-20.772000	-2767.374	
0.75000		-5.68E-13	6232.110	18.986400
-2.73E-12		-24.416640	-4010.616	
1.00000		-5.68E-13	6263.910	20.512800
-2.73E-12		-28.366560	-5260.218	

COMB SVB03 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	14.407200
-2.73E-12		-14.398560	-299.970000	
0.25000		-5.68E-13	6168.510	15.933600
-2.73E-12		-17.432640	-1530.492	
0.50000		-5.68E-13	6200.310	17.460000
-2.73E-12		-20.772000	-2767.374	
0.75000		-5.68E-13	6232.110	18.986400
-2.73E-12		-24.416640	-4010.616	
1.00000		-5.68E-13	6263.910	20.512800
-2.73E-12		-28.366560	-5260.218	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB04 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-9.66E-12	7946.370	7.966800
-1.36E-12		-8.716320	-1886.064	
0.50000		-9.66E-12	7978.170	8.730000
-1.36E-12		-10.386000	-3478.518	
0.75000		-9.66E-12	8009.970	9.493200
-1.36E-12		-12.208320	-5077.332	
1.00000		-9.66E-12	8041.770	10.256400
-1.36E-12		-14.183280	-6682.506	

COMB SVB04 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-9.66E-12	7946.370	7.966800
-1.36E-12		-8.716320	-1886.064	
0.50000		-9.66E-12	7978.170	8.730000
-1.36E-12		-10.386000	-3478.518	
0.75000		-9.66E-12	8009.970	9.493200
-1.36E-12		-12.208320	-5077.332	
1.00000		-9.66E-12	8041.770	10.256400
-1.36E-12		-14.183280	-6682.506	

COMB SVB05 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-5.68E-13	6168.510	7.966800
-1.36E-12		-8.716320	-1530.492	
0.50000		-5.68E-13	6200.310	8.730000
-1.36E-12		-10.386000	-2767.374	
0.75000		-5.68E-13	6232.110	9.493200
-1.36E-12		-12.208320	-4010.616	
1.00000		-5.68E-13	6263.910	10.256400
-1.36E-12		-14.183280	-5260.218	

COMB SVB05 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-5.68E-13	6168.510	7.966800
-1.36E-12		-8.716320	-1530.492	
0.50000		-5.68E-13	6200.310	8.730000
-1.36E-12		-10.386000	-2767.374	
0.75000		-5.68E-13	6232.110	9.493200
-1.36E-12		-12.208320	-4010.616	
1.00000		-5.68E-13	6263.910	10.256400
-1.36E-12		-14.183280	-5260.218	

COMB SVB06 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	291.828000
400.388000		-2.91E-11	-299.970000	
0.25000		-9.66E-12	7946.370	291.828000
400.388000		-58.365600	-1886.064	
0.50000		-9.66E-12	7978.170	291.828000
400.388000		-116.731200	-3478.518	
0.75000		-9.66E-12	8009.970	291.828000
400.388000		-175.096800	-5077.332	
1.00000		-9.66E-12	8041.770	291.828000
400.388000		-233.462400	-6682.506	

COMB SVB06 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	291.828000
400.388000		-2.91E-11	-299.970000	
0.25000		-9.66E-12	7946.370	291.828000
400.388000		-58.365600	-1886.064	
0.50000		-9.66E-12	7978.170	291.828000
400.388000		-116.731200	-3478.518	
0.75000		-9.66E-12	8009.970	291.828000
400.388000		-175.096800	-5077.332	
1.00000		-9.66E-12	8041.770	291.828000
400.388000		-233.462400	-6682.506	

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COMB SVB07 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	-9.59E-13
-5.52E-30		3.63E-14	-299.970000	
0.25000		-9.66E-12	7946.370	-9.62E-13
-5.52E-30		2.28E-13	-1886.064	
0.50000		-9.66E-12	7978.170	-9.66E-13
-5.52E-30		4.21E-13	-3478.518	
0.75000		-9.66E-12	8009.970	-9.70E-13
-5.52E-30		6.15E-13	-5077.332	
1.00000		-9.66E-12	8041.770	-9.74E-13
-5.52E-30		8.09E-13	-6682.506	

COMB SVB07 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	-9.59E-13
-5.52E-30		3.63E-14	-299.970000	
0.25000		-9.66E-12	7946.370	-9.62E-13
-5.52E-30		2.28E-13	-1886.064	
0.50000		-9.66E-12	7978.170	-9.66E-13
-5.52E-30		4.21E-13	-3478.518	
0.75000		-9.66E-12	8009.970	-9.70E-13
-5.52E-30		6.15E-13	-5077.332	
1.00000		-9.66E-12	8041.770	-9.74E-13
-5.52E-30		8.09E-13	-6682.506	

COMB SVB08 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	291.828000
400.388000		-2.91E-11	-299.970000	
0.25000		-5.68E-13	6168.510	291.828000
400.388000		-58.365600	-1530.492	
0.50000		-5.68E-13	6200.310	291.828000
400.388000		-116.731200	-2767.374	
0.75000		-5.68E-13	6232.110	291.828000
400.388000		-175.096800	-4010.616	
1.00000		-5.68E-13	6263.910	291.828000
400.388000		-233.462400	-5260.218	

COMB SVB08 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	291.828000
400.388000		-2.91E-11	-299.970000	
0.25000		-5.68E-13	6168.510	291.828000
400.388000		-58.365600	-1530.492	
0.50000		-5.68E-13	6200.310	291.828000
400.388000		-116.731200	-2767.374	
0.75000		-5.68E-13	6232.110	291.828000
400.388000		-175.096800	-4010.616	
1.00000		-5.68E-13	6263.910	291.828000
400.388000		-233.462400	-5260.218	

COMB SVB09 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	-7.43E-13
-4.73E-30		3.63E-14	-299.970000	
0.25000		-5.68E-13	6168.510	-7.47E-13
-4.73E-30		1.85E-13	-1530.492	
0.50000		-5.68E-13	6200.310	-7.51E-13
-4.73E-30		3.35E-13	-2767.374	
0.75000		-5.68E-13	6232.110	-7.55E-13
-4.73E-30		4.86E-13	-4010.616	
1.00000		-5.68E-13	6263.910	-7.59E-13
-4.73E-30		6.37E-13	-5260.218	

COMB SVB09 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	-7.43E-13
-4.73E-30		3.63E-14	-299.970000	
0.25000		-5.68E-13	6168.510	-7.47E-13
-4.73E-30		1.85E-13	-1530.492	
0.50000		-5.68E-13	6200.310	-7.51E-13
-4.73E-30		3.35E-13	-2767.374	
0.75000		-5.68E-13	6232.110	-7.55E-13
-4.73E-30		4.86E-13	-4010.616	
1.00000		-5.68E-13	6263.910	-7.59E-13
-4.73E-30		6.37E-13	-5260.218	

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COMB SVB10 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	306.235200
400.388000		-14.398560	-299.970000	
0.25000		-5.68E-13	6168.510	307.761600
400.388000		-75.798240	-1530.492	
0.50000		-5.68E-13	6200.310	309.288000
400.388000		-137.503200	-2767.374	
0.75000		-5.68E-13	6232.110	310.814400
400.388000		-199.513440	-4010.616	
1.00000		-5.68E-13	6263.910	312.340800
400.388000		-261.828960	-5260.218	

COMB SVB10 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	306.235200
400.388000		-14.398560	-299.970000	
0.25000		-5.68E-13	6168.510	307.761600
400.388000		-75.798240	-1530.492	
0.50000		-5.68E-13	6200.310	309.288000
400.388000		-137.503200	-2767.374	
0.75000		-5.68E-13	6232.110	310.814400
400.388000		-199.513440	-4010.616	
1.00000		-5.68E-13	6263.910	312.340800
400.388000		-261.828960	-5260.218	

COMB SVB11 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	14.407200
-2.73E-12		-14.398560	-299.970000	
0.25000		-5.68E-13	6168.510	15.933600
-2.73E-12		-17.432640	-1530.492	
0.50000		-5.68E-13	6200.310	17.460000
-2.73E-12		-20.772000	-2767.374	
0.75000		-5.68E-13	6232.110	18.986400
-2.73E-12		-24.416640	-4010.616	
1.00000		-5.68E-13	6263.910	20.512800
-2.73E-12		-28.366560	-5260.218	

COMB SVB11 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	14.407200
-2.73E-12		-14.398560	-299.970000	
0.25000		-5.68E-13	6168.510	15.933600
-2.73E-12		-17.432640	-1530.492	
0.50000		-5.68E-13	6200.310	17.460000
-2.73E-12		-20.772000	-2767.374	
0.75000		-5.68E-13	6232.110	18.986400
-2.73E-12		-24.416640	-4010.616	
1.00000		-5.68E-13	6263.910	20.512800
-2.73E-12		-28.366560	-5260.218	

COMB SVB12 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	299.031600
400.388000		-7.199280	-299.970000	
0.25000		-9.66E-12	7946.370	299.794800
400.388000		-67.081920	-1886.064	
0.50000		-9.66E-12	7978.170	300.558000
400.388000		-127.117200	-3478.518	
0.75000		-9.66E-12	8009.970	301.321200
400.388000		-187.305120	-5077.332	
1.00000		-9.66E-12	8041.770	302.084400
400.388000		-247.645680	-6682.506	

COMB SVB12 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	299.031600
400.388000		-7.199280	-299.970000	
0.25000		-9.66E-12	7946.370	299.794800
400.388000		-67.081920	-1886.064	
0.50000		-9.66E-12	7978.170	300.558000
400.388000		-127.117200	-3478.518	
0.75000		-9.66E-12	8009.970	301.321200
400.388000		-187.305120	-5077.332	
1.00000		-9.66E-12	8041.770	302.084400
400.388000		-247.645680	-6682.506	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB13 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-9.66E-12	7946.370	7.966800
-1.36E-12		-8.716320	-1886.064	
0.50000		-9.66E-12	7978.170	8.730000
-1.36E-12		-10.386000	-3478.518	
0.75000		-9.66E-12	8009.970	9.493200
-1.36E-12		-12.208320	-5077.332	
1.00000		-9.66E-12	8041.770	10.256400
-1.36E-12		-14.183280	-6682.506	

COMB SVB13 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.66E-12	7914.570	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-9.66E-12	7946.370	7.966800
-1.36E-12		-8.716320	-1886.064	
0.50000		-9.66E-12	7978.170	8.730000
-1.36E-12		-10.386000	-3478.518	
0.75000		-9.66E-12	8009.970	9.493200
-1.36E-12		-12.208320	-5077.332	
1.00000		-9.66E-12	8041.770	10.256400
-1.36E-12		-14.183280	-6682.506	

COMB SVB14 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	299.031600
400.388000		-7.199280	-299.970000	
0.25000		-5.68E-13	6168.510	299.794800
400.388000		-67.081920	-1530.492	
0.50000		-5.68E-13	6200.310	300.558000
400.388000		-127.117200	-2767.374	
0.75000		-5.68E-13	6232.110	301.321200
400.388000		-187.305120	-4010.616	
1.00000		-5.68E-13	6263.910	302.084400
400.388000		-247.645680	-5260.218	

COMB SVB14 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	299.031600
400.388000		-7.199280	-299.970000	
0.25000		-5.68E-13	6168.510	299.794800
400.388000		-67.081920	-1530.492	
0.50000		-5.68E-13	6200.310	300.558000
400.388000		-127.117200	-2767.374	
0.75000		-5.68E-13	6232.110	301.321200
400.388000		-187.305120	-4010.616	
1.00000		-5.68E-13	6263.910	302.084400
400.388000		-247.645680	-5260.218	

COMB SVB15 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-5.68E-13	6168.510	7.966800
-1.36E-12		-8.716320	-1530.492	
0.50000		-5.68E-13	6200.310	8.730000
-1.36E-12		-10.386000	-2767.374	
0.75000		-5.68E-13	6232.110	9.493200
-1.36E-12		-12.208320	-4010.616	
1.00000		-5.68E-13	6263.910	10.256400
-1.36E-12		-14.183280	-5260.218	

COMB SVB15 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.68E-13	6136.710	7.203600
-1.36E-12		-7.199280	-299.970000	
0.25000		-5.68E-13	6168.510	7.966800
-1.36E-12		-8.716320	-1530.492	
0.50000		-5.68E-13	6200.310	8.730000
-1.36E-12		-10.386000	-2767.374	
0.75000		-5.68E-13	6232.110	9.493200
-1.36E-12		-12.208320	-4010.616	
1.00000		-5.68E-13	6263.910	10.256400
-1.36E-12		-14.183280	-5260.218	

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COMB ULB01 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.03E-11	11800.122	-1.43E-12
-7.85E-30		4.72E-14	-389.961000	
0.25000		-2.03E-11	11841.462	-1.43E-12
-7.85E-30		3.34E-13	-2754.119	
0.50000		-2.03E-11	11882.802	-1.44E-12
-7.85E-30		6.21E-13	-5126.546	
0.75000		-2.03E-11	11924.142	-1.44E-12
-7.85E-30		9.09E-13	-7507.240	
1.00000		-2.03E-11	11965.482	-1.45E-12
-7.85E-30		1.20E-12	-9896.203	

COMB ULB01 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.03E-11	11800.122	-1.43E-12
-7.85E-30		4.72E-14	-389.961000	
0.25000		-2.03E-11	11841.462	-1.43E-12
-7.85E-30		3.34E-13	-2754.119	
0.50000		-2.03E-11	11882.802	-1.44E-12
-7.85E-30		6.21E-13	-5126.546	
0.75000		-2.03E-11	11924.142	-1.44E-12
-7.85E-30		9.09E-13	-7507.240	
1.00000		-2.03E-11	11965.482	-1.45E-12
-7.85E-30		1.20E-12	-9896.203	

COMB ULB02 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.39E-13	7977.723	-9.66E-13
-6.15E-30		4.72E-14	-389.961000	
0.25000		-7.39E-13	8019.063	-9.71E-13
-6.15E-30		2.41E-13	-1989.640	
0.50000		-7.39E-13	8060.403	-9.76E-13
-6.15E-30		4.36E-13	-3597.586	
0.75000		-7.39E-13	8101.743	-9.81E-13
-6.15E-30		6.31E-13	-5213.801	
1.00000		-7.39E-13	8143.083	-9.86E-13
-6.15E-30		8.28E-13	-6838.283	

COMB ULB02 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.39E-13	7977.723	-9.66E-13
-6.15E-30		4.72E-14	-389.961000	
0.25000		-7.39E-13	8019.063	-9.71E-13
-6.15E-30		2.41E-13	-1989.640	
0.50000		-7.39E-13	8060.403	-9.76E-13
-6.15E-30		4.36E-13	-3597.586	
0.75000		-7.39E-13	8101.743	-9.81E-13
-6.15E-30		6.31E-13	-5213.801	
1.00000		-7.39E-13	8143.083	-9.86E-13
-6.15E-30		8.28E-13	-6838.283	

COMB ULB03 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.39E-13	7977.723	18.729360
-3.55E-12		-18.718128	-389.961000	
0.25000		-7.39E-13	8019.063	20.713680
-3.55E-12		-22.662432	-1989.640	
0.50000		-7.39E-13	8060.403	22.698000
-3.55E-12		-27.003600	-3597.586	
0.75000		-7.39E-13	8101.743	24.682320
-3.55E-12		-31.741632	-5213.801	
1.00000		-7.39E-13	8143.083	26.666640
-3.55E-12		-36.876528	-6838.283	

COMB ULB03 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.39E-13	7977.723	18.729360
-3.55E-12		-18.718128	-389.961000	
0.25000		-7.39E-13	8019.063	20.713680
-3.55E-12		-22.662432	-1989.640	
0.50000		-7.39E-13	8060.403	22.698000
-3.55E-12		-27.003600	-3597.586	
0.75000		-7.39E-13	8101.743	24.682320
-3.55E-12		-31.741632	-5213.801	
1.00000		-7.39E-13	8143.083	26.666640
-3.55E-12		-36.876528	-6838.283	

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COMB ULB04 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.26E-11	10288.941	9.364680
-1.77E-12		-9.359064	-389.961000	
0.25000		-1.26E-11	10330.281	10.356840
-1.77E-12		-11.331216	-2451.883	

```
 0.50000     -1.26E-11     10371.621     11.349000
-1.77E-12    -13.501800    -4522.073
 0.75000     -1.26E-11     10412.961     12.341160
-1.77E-12    -15.870816    -6600.532
 1.00000     -1.26E-11     10454.301     13.333320
-1.77E-12    -18.438264    -8687.258

 COMB    ULB04 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.26E-11     10288.941     9.364680
-1.77E-12    -9.359064    -389.961000
 0.25000     -1.26E-11     10330.281     10.356840
-1.77E-12    -11.331216    -2451.883
 0.50000     -1.26E-11     10371.621     11.349000
-1.77E-12    -13.501800    -4522.073
 0.75000     -1.26E-11     10412.961     12.341160
-1.77E-12    -15.870816    -6600.532
 1.00000     -1.26E-11     10454.301     13.333320
-1.77E-12    -18.438264    -8687.258

 COMB    ULB05 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.39E-13     7977.723      9.364680
-1.77E-12    -9.359064    -389.961000
 0.25000     -7.39E-13     8019.063      10.356840
-1.77E-12    -11.331216    -1989.640
 0.50000     -7.39E-13     8060.403      11.349000
-1.77E-12    -13.501800    -3597.586
 0.75000     -7.39E-13     8101.743      12.341160
-1.77E-12    -15.870816    -5213.801
 1.00000     -7.39E-13     8143.083      13.333320
-1.77E-12    -18.438264    -6838.283

 COMB    ULB05 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.39E-13     7977.723      9.364680
-1.77E-12    -9.359064    -389.961000
 0.25000     -7.39E-13     8019.063      10.356840
-1.77E-12    -11.331216    -1989.640
 0.50000     -7.39E-13     8060.403      11.349000
-1.77E-12    -13.501800    -3597.586
 0.75000     -7.39E-13     8101.743      12.341160
-1.77E-12    -15.870816    -5213.801
 1.00000     -7.39E-13     8143.083      13.333320
-1.77E-12    -18.438264    -6838.283

 COMB    ULB06 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.26E-11     10288.941     379.376400
520.504400    -3.78E-11    -389.961000
 0.25000     -1.26E-11     10330.281     379.376400
520.504400    -75.875280    -2451.883
 0.50000     -1.26E-11     10371.621     379.376400
520.504400    -151.750560   -4522.073
 0.75000     -1.26E-11     10412.961     379.376400
520.504400    -227.625840   -6600.532
 1.00000     -1.26E-11     10454.301     379.376400
520.504400    -303.501120   -8687.258

 COMB    ULB06 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.26E-11     10288.941     379.376400
520.504400    -3.78E-11    -389.961000
 0.25000     -1.26E-11     10330.281     379.376400
520.504400    -75.875280    -2451.883
 0.50000     -1.26E-11     10371.621     379.376400
520.504400    -151.750560   -4522.073
 0.75000     -1.26E-11     10412.961     379.376400
520.504400    -227.625840   -6600.532
 1.00000     -1.26E-11     10454.301     379.376400
520.504400    -303.501120   -8687.258
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 COMB    ULB07 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.26E-11     10288.941     -1.25E-12
-7.18E-30    4.72E-14     -389.961000
 0.25000     -1.26E-11     10330.281     -1.25E-12
-7.18E-30    2.97E-13     -2451.883
 0.50000     -1.26E-11     10371.621     -1.26E-12
-7.18E-30    5.48E-13     -4522.073
 0.75000     -1.26E-11     10412.961     -1.26E-12
-7.18E-30    7.99E-13     -6600.532
 1.00000     -1.26E-11     10454.301     -1.27E-12
-7.18E-30    1.05E-12     -8687.258

 COMB    ULB07 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.26E-11     10288.941     -1.25E-12
-7.18E-30    4.72E-14     -389.961000
 0.25000     -1.26E-11     10330.281     -1.25E-12
-7.18E-30    2.97E-13     -2451.883
 0.50000     -1.26E-11     10371.621     -1.26E-12
-7.18E-30    5.48E-13     -4522.073
 0.75000     -1.26E-11     10412.961     -1.26E-12
-7.18E-30    7.99E-13     -6600.532
 1.00000     -1.26E-11     10454.301     -1.27E-12
-7.18E-30    1.05E-12     -8687.258

 COMB    ULB08 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.39E-13     7977.723      379.376400
520.504400    -3.78E-11    -389.961000
 0.25000     -7.39E-13     8019.063      379.376400
520.504400    -75.875280    -1989.640
 0.50000     -7.39E-13     8060.403      379.376400
520.504400    -151.750560   -3597.586
 0.75000     -7.39E-13     8101.743      379.376400
520.504400    -227.625840   -5213.801
 1.00000     -7.39E-13     8143.083      379.376400
520.504400    -303.501120   -6838.283

 COMB    ULB08 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.39E-13     7977.723      379.376400
520.504400    -3.78E-11    -389.961000
 0.25000     -7.39E-13     8019.063      379.376400
520.504400    -75.875280    -1989.640
 0.50000     -7.39E-13     8060.403      379.376400
520.504400    -151.750560   -3597.586
 0.75000     -7.39E-13     8101.743      379.376400
520.504400    -227.625840   -5213.801
 1.00000     -7.39E-13     8143.083      379.376400
520.504400    -303.501120   -6838.283

 COMB    ULB09 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.39E-13     7977.723      -9.66E-13
-6.15E-30    4.72E-14     -389.961000
 0.25000     -7.39E-13     8019.063      -9.71E-13
-6.15E-30    2.41E-13     -1989.640
 0.50000     -7.39E-13     8060.403      -9.76E-13
-6.15E-30    4.36E-13     -3597.586
 0.75000     -7.39E-13     8101.743      -9.81E-13
-6.15E-30    6.31E-13     -5213.801
 1.00000     -7.39E-13     8143.083      -9.86E-13
-6.15E-30    8.28E-13     -6838.283

 COMB    ULB09 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.39E-13     7977.723      -9.66E-13
-6.15E-30    4.72E-14     -389.961000
 0.25000     -7.39E-13     8019.063      -9.71E-13
-6.15E-30    2.41E-13     -1989.640
 0.50000     -7.39E-13     8060.403      -9.76E-13
-6.15E-30    4.36E-13     -3597.586
 0.75000     -7.39E-13     8101.743      -9.81E-13
-6.15E-30    6.31E-13     -5213.801
 1.00000     -7.39E-13     8143.083      -9.86E-13
-6.15E-30    8.28E-13     -6838.283
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 L   F O R C E S

 COMB    ULB10 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      382.794000
500.485000    -17.998200    -374.962500
 0.25000     -7.11E-13     7710.638      384.702000
500.485000    -94.747800    -1913.115
 0.50000     -7.11E-13     7750.388      386.610000
500.485000    -171.879000   -3459.217
 0.75000     -7.11E-13     7790.138      388.518000
500.485000    -249.391800   -5013.270
 1.00000     -7.11E-13     7829.888      390.426000
500.485000    -327.286200   -6575.273

 COMB    ULB10 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      382.794000
500.485000    -17.998200    -374.962500
 0.25000     -7.11E-13     7710.638      384.702000
500.485000    -94.747800    -1913.115
 0.50000     -7.11E-13     7750.388      386.610000
500.485000    -171.879000   -3459.217
 0.75000     -7.11E-13     7790.138      388.518000
500.485000    -249.391800   -5013.270
 1.00000     -7.11E-13     7829.888      390.426000
500.485000    -327.286200   -6575.273

 COMB    ULB11 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      18.009000
-3.41E-12    -17.998200    -374.962500
 0.25000     -7.11E-13     7710.638      19.917000
-3.41E-12    -21.790800    -1913.115
 0.50000     -7.11E-13     7750.388      21.825000
-3.41E-12    -25.965000    -3459.217
 0.75000     -7.11E-13     7790.138      23.733000
-3.41E-12    -30.520800    -5013.270
 1.00000     -7.11E-13     7829.888      25.641000
-3.41E-12    -35.458200    -6575.273

 COMB    ULB11 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      18.009000
-3.41E-12    -17.998200    -374.962500
 0.25000     -7.11E-13     7710.638      19.917000
-3.41E-12    -21.790800    -1913.115
 0.50000     -7.11E-13     7750.388      21.825000
-3.41E-12    -25.965000    -3459.217
 0.75000     -7.11E-13     7790.138      23.733000
-3.41E-12    -30.520800    -5013.270
 1.00000     -7.11E-13     7829.888      25.641000
-3.41E-12    -35.458200    -6575.273

 COMB    ULB12 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.21E-11     9893.213      373.789500
500.485000    -8.999100     -374.962500
 0.25000     -1.21E-11     9932.963      374.743500
500.485000    -83.852400    -2357.580
 0.50000     -1.21E-11     9972.713      375.697500
500.485000    -158.896500   -4348.147
 0.75000     -1.21E-11     10012.463     376.651500
500.485000    -234.131400   -6346.665
 1.00000     -1.21E-11     10052.213     377.605500
500.485000    -309.557100   -8353.133

 COMB    ULB12 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.21E-11     9893.213      373.789500
500.485000    -8.999100     -374.962500
 0.25000     -1.21E-11     9932.963      374.743500
500.485000    -83.852400    -2357.580
 0.50000     -1.21E-11     9972.713      375.697500
500.485000    -158.896500   -4348.147
 0.75000     -1.21E-11     10012.463     376.651500
500.485000    -234.131400   -6346.665
 1.00000     -1.21E-11     10052.213     377.605500
500.485000    -309.557100   -8353.133
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 L   F O R C E S

 COMB    ULB13 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.21E-11     9893.213      9.004500
-1.71E-12    -8.999100     -374.962500
 0.25000     -1.21E-11     9932.963      9.958500
-1.71E-12    -10.895400    -2357.580
 0.50000     -1.21E-11     9972.713      10.912500
-1.71E-12    -12.982500    -4348.147
 0.75000     -1.21E-11     10012.463     11.866500
-1.71E-12    -15.260400    -6346.665
 1.00000     -1.21E-11     10052.213     12.820500
-1.71E-12    -17.729100    -8353.133

 COMB    ULB13 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.21E-11     9893.213      9.004500
-1.71E-12    -8.999100     -374.962500
 0.25000     -1.21E-11     9932.963      9.958500
-1.71E-12    -10.895400    -2357.580
 0.50000     -1.21E-11     9972.713      10.912500
-1.71E-12    -12.982500    -4348.147
 0.75000     -1.21E-11     10012.463     11.866500
-1.71E-12    -15.260400    -6346.665
 1.00000     -1.21E-11     10052.213     12.820500
-1.71E-12    -17.729100    -8353.133

 COMB    ULB14 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      373.789500
500.485000    -8.999100     -374.962500
 0.25000     -7.11E-13     7710.638      374.743500
500.485000    -83.852400    -1913.115
 0.50000     -7.11E-13     7750.388      375.697500
500.485000    -158.896500   -3459.217
 0.75000     -7.11E-13     7790.138      376.651500
500.485000    -234.131400   -5013.270
 1.00000     -7.11E-13     7829.888      377.605500
500.485000    -309.557100   -6575.273

 COMB    ULB14 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      373.789500
500.485000    -8.999100     -374.962500
 0.25000     -7.11E-13     7710.638      374.743500
500.485000    -83.852400    -1913.115
 0.50000     -7.11E-13     7750.388      375.697500
500.485000    -158.896500   -3459.217
 0.75000     -7.11E-13     7790.138      376.651500
500.485000    -234.131400   -5013.270
 1.00000     -7.11E-13     7829.888      377.605500
500.485000    -309.557100   -6575.273

 COMB    ULB15 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      9.004500
-1.71E-12    -8.999100     -374.962500
 0.25000     -7.11E-13     7710.638      9.958500
-1.71E-12    -10.895400    -1913.115
 0.50000     -7.11E-13     7750.388      10.912500
-1.71E-12    -12.982500    -3459.217
 0.75000     -7.11E-13     7790.138      11.866500
-1.71E-12    -15.260400    -5013.270
 1.00000     -7.11E-13     7829.888      12.820500
-1.71E-12    -17.729100    -6575.273

 COMB    ULB15 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -7.11E-13     7670.888      9.004500
-1.71E-12    -8.999100     -374.962500
 0.25000     -7.11E-13     7710.638      9.958500
-1.71E-12    -10.895400    -1913.115
 0.50000     -7.11E-13     7750.388      10.912500
-1.71E-12    -12.982500    -3459.217
 0.75000     -7.11E-13     7790.138      11.866500
-1.71E-12    -15.260400    -5013.270
 1.00000     -7.11E-13     7829.888      12.820500
-1.71E-12    -17.729100    -6575.273
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 L   F O R C E S

 COMB    ULB16 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -5.68E-13     6136.710      -7.43E-13
-4.73E-30    3.63E-14     -299.970000
 0.25000     -5.68E-13     6168.510      -7.47E-13
-4.73E-30    1.85E-13     -1530.492
 0.50000     -5.68E-13     6200.310      -7.51E-13
-4.73E-30    3.35E-13     -2767.374
 0.75000     -5.68E-13     6232.110      -7.55E-13
-4.73E-30    4.86E-13     -4010.616
 1.00000     -5.68E-13     6263.910      -7.59E-13
-4.73E-30    6.37E-13     -5260.218

 COMB    ULB16 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -5.68E-13     6136.710      -7.43E-13
-4.73E-30    3.63E-14     -299.970000
 0.25000     -5.68E-13     6168.510      -7.47E-13
-4.73E-30    1.85E-13     -1530.492
 0.50000     -5.68E-13     6200.310      -7.51E-13
-4.73E-30    3.35E-13     -2767.374
 0.75000     -5.68E-13     6232.110      -7.55E-13
-4.73E-30    4.86E-13     -4010.616
 1.00000     -5.68E-13     6263.910      -7.59E-13
-4.73E-30    6.37E-13     -5260.218

 COMB    ULB17 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.26E-11     10288.941     -1.25E-12
-7.18E-30    4.72E-14     -389.961000
 0.25000     -1.26E-11     10330.281     -1.25E-12
-7.18E-30    2.97E-13     -2451.883
 0.50000     -1.26E-11     10371.621     -1.26E-12
-7.18E-30    5.48E-13     -4522.073
 0.75000     -1.26E-11     10412.961     -1.26E-12
-7.18E-30    7.99E-13     -6600.532
 1.00000     -1.26E-11     10454.301     -1.27E-12
-7.18E-30    1.05E-12     -8687.258

 COMB    ULB17 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.26E-11     10288.941     -1.25E-12
-7.18E-30    4.72E-14     -389.961000
 0.25000     -1.26E-11     10330.281     -1.25E-12
-7.18E-30    2.97E-13     -2451.883
 0.50000     -1.26E-11     10371.621     -1.26E-12
-7.18E-30    5.48E-13     -4522.073
 0.75000     -1.26E-11     10412.961     -1.26E-12
-7.18E-30    7.99E-13     -6600.532
 1.00000     -1.26E-11     10454.301     -1.27E-12
-7.18E-30    1.05E-12     -8687.258

 COMB    ULB18 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -6.82E-13     7364.052      17.288640
-3.27E-12    -17.278272    -359.964000
 0.25000     -6.82E-13     7402.212      19.120320
-3.27E-12    -20.919168    -1836.590
 0.50000     -6.82E-13     7440.372      20.952000
-3.27E-12    -24.926400    -3320.849
 0.75000     -6.82E-13     7478.532      22.783680
-3.27E-12    -29.299968    -4812.739
 1.00000     -6.82E-13     7516.692      24.615360
-3.27E-12    -34.039872    -6312.262

 COMB    ULB18 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -6.82E-13     7364.052      17.288640
-3.27E-12    -17.278272    -359.964000
 0.25000     -6.82E-13     7402.212      19.120320
-3.27E-12    -20.919168    -1836.590
 0.50000     -6.82E-13     7440.372      20.952000
-3.27E-12    -24.926400    -3320.849
 0.75000     -6.82E-13     7478.532      22.783680
-3.27E-12    -29.299968    -4812.739
 1.00000     -6.82E-13     7516.692      24.615360
-3.27E-12    -34.039872    -6312.262
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 L   F O R C E S

 COMB    UEB01 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -2.01E-11     9959.109      -1.21E-12
-6.43E-30    3.63E-14     -299.970000
 0.25000     -2.01E-11     9990.909      -1.21E-12
-6.43E-30    2.78E-13     -2294.972
 0.50000     -2.01E-11     10022.709     -1.21E-12
-6.43E-30    5.20E-13     -4296.334
 0.75000     -2.01E-11     10054.509     -1.22E-12
-6.43E-30    7.63E-13     -6304.055
 1.00000     -2.01E-11     10086.309     -1.22E-12
-6.43E-30    1.01E-12     -8318.137

 COMB    UEB01 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -2.01E-11     9959.109      -1.21E-12
-6.43E-30    3.63E-14     -299.970000
 0.25000     -2.01E-11     9990.909      -1.21E-12
-6.43E-30    2.78E-13     -2294.972
 0.50000     -2.01E-11     10022.709     -1.21E-12
-6.43E-30    5.20E-13     -4296.334
 0.75000     -2.01E-11     10054.509     -1.22E-12
-6.43E-30    7.63E-13     -6304.055
 1.00000     -2.01E-11     10086.309     -1.22E-12
-6.43E-30    1.01E-12     -8318.137

 COMB    UEB02 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -5.68E-13     6136.710      -7.43E-13
-4.73E-30    3.63E-14     -299.970000
 0.25000     -5.68E-13     6168.510      -7.47E-13
-4.73E-30    1.85E-13     -1530.492
 0.50000     -5.68E-13     6200.310      -7.51E-13
-4.73E-30    3.35E-13     -2767.374
 0.75000     -5.68E-13     6232.110      -7.55E-13
-4.73E-30    4.86E-13     -4010.616
 1.00000     -5.68E-13     6263.910      -7.59E-13
-4.73E-30    6.37E-13     -5260.218

 COMB    UEB02 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -5.68E-13     6136.710      -7.43E-13
-4.73E-30    3.63E-14     -299.970000
 0.25000     -5.68E-13     6168.510      -7.47E-13
-4.73E-30    1.85E-13     -1530.492
 0.50000     -5.68E-13     6200.310      -7.51E-13
-4.73E-30    3.35E-13     -2767.374
 0.75000     -5.68E-13     6232.110      -7.55E-13
-4.73E-30    4.86E-13     -4010.616
 1.00000     -5.68E-13     6263.910      -7.59E-13
-4.73E-30    6.37E-13     -5260.218

 COMB    UEB03 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -5.68E-13     6136.710      18.729360
-3.55E-12    -18.718128    -299.970000
 0.25000     -5.68E-13     6168.510      20.713680
-3.55E-12    -22.662432    -1530.492
 0.50000     -5.68E-13     6200.310      22.698000
-3.55E-12    -27.003600    -2767.374
 0.75000     -5.68E-13     6232.110      24.682320
-3.55E-12    -31.741632    -4010.616
 1.00000     -5.68E-13     6263.910      26.666640
-3.55E-12    -36.876528    -5260.218

 COMB    UEB03 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -5.68E-13     6136.710      18.729360
-3.55E-12    -18.718128    -299.970000
 0.25000     -5.68E-13     6168.510      20.713680
-3.55E-12    -22.662432    -1530.492
 0.50000     -5.68E-13     6200.310      22.698000
-3.55E-12    -27.003600    -2767.374
 0.75000     -5.68E-13     6232.110      24.682320
-3.55E-12    -31.741632    -4010.616
 1.00000     -5.68E-13     6263.910      26.666640
-3.55E-12    -36.876528    -5260.218
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 L   F O R C E S

 COMB    UEB04 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     -1.24E-11     8447.928      9.364680
-1.77E-12    -9.359064     -299.970000
 0.25000     -1.24E-11     8479.728      10.356840
-1.77E-12    -11.331216    -1992.736
 0.50000     -1.24E-11     8511.528      11.349000
-1.77E-12    -13.501800    -3691.861
 0.75000     -1.24E-11     8543.328      12.341160
-1.77E-12    -15.870816    -5397.347
 1.00000     -1.24E-11     8575.128      13.333320
-1.77E-12    -18.438264    -7109.192

 COMB    UEB04 ------------------- MIN

 REL DIST          P             V2            V3
```

T	M2	M3	
0.00000	-1.24E-11	8447.928	9.364680
-1.77E-12	-9.359064	-299.970000	
0.25000	-1.24E-11	8479.728	10.356840
-1.77E-12	-11.331216	-1992.736	
0.50000	-1.24E-11	8511.528	11.349000
-1.77E-12	-13.501800	-3691.861	
0.75000	-1.24E-11	8543.328	12.341160
-1.77E-12	-15.870816	-5397.347	
1.00000	-1.24E-11	8575.128	13.333320
-1.77E-12	-18.438264	-7109.192	

COMB UEB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	9.364680
-1.77E-12	-9.359064	-299.970000	
0.25000	-5.68E-13	6168.510	10.356840
-1.77E-12	-11.331216	-1530.492	
0.50000	-5.68E-13	6200.310	11.349000
-1.77E-12	-13.501800	-2767.374	
0.75000	-5.68E-13	6232.110	12.341160
-1.77E-12	-15.870816	-4010.616	
1.00000	-5.68E-13	6263.910	13.333320
-1.77E-12	-18.438264	-5260.218	

COMB UEB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	9.364680
-1.77E-12	-9.359064	-299.970000	
0.25000	-5.68E-13	6168.510	10.356840
-1.77E-12	-11.331216	-1530.492	
0.50000	-5.68E-13	6200.310	11.349000
-1.77E-12	-13.501800	-2767.374	
0.75000	-5.68E-13	6232.110	12.341160
-1.77E-12	-15.870816	-4010.616	
1.00000	-5.68E-13	6263.910	13.333320
-1.77E-12	-18.438264	-5260.218	

COMB UEB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.24E-11	8447.928	379.376400
520.504400	-3.78E-11	-299.970000	
0.25000	-1.24E-11	8479.728	379.376400
520.504400	-75.875280	-1992.736	
0.50000	-1.24E-11	8511.528	379.376400
520.504400	-151.750560	-3691.861	
0.75000	-1.24E-11	8543.328	379.376400
520.504400	-227.625840	-5397.347	
1.00000	-1.24E-11	8575.128	379.376400
520.504400	-303.501120	-7109.192	

COMB UEB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.24E-11	8447.928	379.376400
520.504400	-3.78E-11	-299.970000	
0.25000	-1.24E-11	8479.728	379.376400
520.504400	-75.875280	-1992.736	
0.50000	-1.24E-11	8511.528	379.376400
520.504400	-151.750560	-3691.861	
0.75000	-1.24E-11	8543.328	379.376400
520.504400	-227.625840	-5397.347	
1.00000	-1.24E-11	8575.128	379.376400
520.504400	-303.501120	-7109.192	

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COMB UEB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.24E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.24E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.24E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.24E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.24E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.24E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.24E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.24E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.24E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.24E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	379.376400
520.504400	-3.78E-11	-299.970000	
0.25000	-5.68E-13	6168.510	379.376400
520.504400	-75.875280	-1530.492	
0.50000	-5.68E-13	6200.310	379.376400
520.504400	-151.750560	-2767.374	
0.75000	-5.68E-13	6232.110	379.376400
520.504400	-227.625840	-4010.616	
1.00000	-5.68E-13	6263.910	379.376400
520.504400	-303.501120	-5260.218	

COMB UEB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	379.376400
520.504400	-3.78E-11	-299.970000	
0.25000	-5.68E-13	6168.510	379.376400
520.504400	-75.875280	-1530.492	
0.50000	-5.68E-13	6200.310	379.376400
520.504400	-151.750560	-2767.374	
0.75000	-5.68E-13	6232.110	379.376400
520.504400	-227.625840	-4010.616	
1.00000	-5.68E-13	6263.910	379.376400
520.504400	-303.501120	-5260.218	

COMB UEB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-5.68E-13	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-5.68E-13	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-5.68E-13	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-5.68E-13	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB UEB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-5.68E-13	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-5.68E-13	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-5.68E-13	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-5.68E-13	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB UEB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	382.794000
500.485000	-17.998200	-284.971500	
0.25000	-5.40E-13	5860.085	384.702000
500.485000	-94.747800	-1453.967	
0.50000	-5.40E-13	5890.295	386.610000
500.485000	-171.879000	-2629.005	
0.75000	-5.40E-13	5920.505	388.518000
500.485000	-249.391800	-3810.085	
1.00000	-5.40E-13	5950.715	390.426000
500.485000	-327.286200	-4997.207	

COMB UEB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	382.794000
500.485000	-17.998200	-284.971500	
0.25000	-5.40E-13	5860.085	384.702000
500.485000	-94.747800	-1453.967	
0.50000	-5.40E-13	5890.295	386.610000
500.485000	-171.879000	-2629.005	
0.75000	-5.40E-13	5920.505	388.518000
500.485000	-249.391800	-3810.085	
1.00000	-5.40E-13	5950.715	390.426000
500.485000	-327.286200	-4997.207	

COMB UEB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	18.009000
-3.41E-12	-17.998200	-284.971500	
0.25000	-5.40E-13	5860.085	19.917000
-3.41E-12	-21.790800	-1453.967	
0.50000	-5.40E-13	5890.295	21.825000
-3.41E-12	-25.965000	-2629.005	
0.75000	-5.40E-13	5920.505	23.733000
-3.41E-12	-30.520800	-3810.085	
1.00000	-5.40E-13	5950.715	25.641000
-3.41E-12	-35.458200	-4997.207	

COMB UEB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	18.009000
-3.41E-12	-17.998200	-284.971500	
0.25000	-5.40E-13	5860.085	19.917000
-3.41E-12	-21.790800	-1453.967	
0.50000	-5.40E-13	5890.295	21.825000
-3.41E-12	-25.965000	-2629.005	
0.75000	-5.40E-13	5920.505	23.733000
-3.41E-12	-30.520800	-3810.085	
1.00000	-5.40E-13	5950.715	25.641000
-3.41E-12	-35.458200	-4997.207	

COMB UEB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.19E-11	8052.200	373.789500
500.485000	-8.999100	-284.971500	
0.25000	-1.19E-11	8082.410	374.743500
500.485000	-83.852400	-1898.432	
0.50000	-1.19E-11	8112.620	375.697500
500.485000	-158.896500	-3517.935	
0.75000	-1.19E-11	8142.830	376.651500
500.485000	-234.131400	-5143.480	
1.00000	-1.19E-11	8173.040	377.605500
500.485000	-309.557100	-6775.067	

COMB UEB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.19E-11	8052.200	373.789500
500.485000	-8.999100	-284.971500	
0.25000	-1.19E-11	8082.410	374.743500
500.485000	-83.852400	-1898.432	
0.50000	-1.19E-11	8112.620	375.697500
500.485000	-158.896500	-3517.935	
0.75000	-1.19E-11	8142.830	376.651500
500.485000	-234.131400	-5143.480	
1.00000	-1.19E-11	8173.040	377.605500
500.485000	-309.557100	-6775.067	

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COMB UEB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.19E-11	8052.200	9.004500
-1.71E-12	-8.999100	-284.971500	
0.25000	-1.19E-11	8082.410	9.958500
-1.71E-12	-10.895400	-1898.432	
0.50000	-1.19E-11	8112.620	10.912500
-1.71E-12	-12.982500	-3517.935	
0.75000	-1.19E-11	8142.830	11.866500
-1.71E-12	-15.260400	-5143.480	
1.00000	-1.19E-11	8173.040	12.820500
-1.71E-12	-17.729100	-6775.067	

COMB UEB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.19E-11	8052.200	9.004500
-1.71E-12	-8.999100	-284.971500	
0.25000	-1.19E-11	8082.410	9.958500
-1.71E-12	-10.895400	-1898.432	
0.50000	-1.19E-11	8112.620	10.912500
-1.71E-12	-12.982500	-3517.935	
0.75000	-1.19E-11	8142.830	11.866500
-1.71E-12	-15.260400	-5143.480	
1.00000	-1.19E-11	8173.040	12.820500
-1.71E-12	-17.729100	-6775.067	

COMB UEB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	373.789500
500.485000	-8.999100	-284.971500	
0.25000	-5.40E-13	5860.085	374.743500
500.485000	-83.852400	-1453.967	
0.50000	-5.40E-13	5890.295	375.697500
500.485000	-158.896500	-2629.005	
0.75000	-5.40E-13	5920.505	376.651500
500.485000	-234.131400	-3810.085	
1.00000	-5.40E-13	5950.715	377.605500
500.485000	-309.557100	-4997.207	

COMB UEB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	373.789500
500.485000	-8.999100	-284.971500	
0.25000	-5.40E-13	5860.085	374.743500
500.485000	-83.852400	-1453.967	
0.50000	-5.40E-13	5890.295	375.697500
500.485000	-158.896500	-2629.005	
0.75000	-5.40E-13	5920.505	376.651500
500.485000	-234.131400	-3810.085	
1.00000	-5.40E-13	5950.715	377.605500
500.485000	-309.557100	-4997.207	

COMB UEB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	9.004500
-1.71E-12	-8.999100	-284.971500	
0.25000	-5.40E-13	5860.085	9.958500
-1.71E-12	-10.895400	-1453.967	
0.50000	-5.40E-13	5890.295	10.912500
-1.71E-12	-12.982500	-2629.005	
0.75000	-5.40E-13	5920.505	11.866500
-1.71E-12	-15.260400	-3810.085	
1.00000	-5.40E-13	5950.715	12.820500
-1.71E-12	-17.729100	-4997.207	

COMB UEB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.40E-13	5829.875	9.004500
-1.71E-12	-8.999100	-284.971500	
0.25000	-5.40E-13	5860.085	9.958500
-1.71E-12	-10.895400	-1453.967	
0.50000	-5.40E-13	5890.295	10.912500
-1.71E-12	-12.982500	-2629.005	
0.75000	-5.40E-13	5920.505	11.866500
-1.71E-12	-15.260400	-3810.085	
1.00000	-5.40E-13	5950.715	12.820500
-1.71E-12	-17.729100	-4997.207	

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COMB UEB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-5.68E-13	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-5.68E-13	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-5.68E-13	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-5.68E-13	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB UEB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-5.68E-13	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-5.68E-13	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-5.68E-13	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-5.68E-13	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB UEB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.24E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.24E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.24E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.24E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.24E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.24E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.24E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.24E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.24E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.24E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.12E-13	5523.039	17.288640
-3.27E-12	-17.278272	-269.973000	
0.25000	-5.12E-13	5551.659	19.120320
-3.27E-12	-20.919168	-1377.443	
0.50000	-5.12E-13	5580.279	20.952000
-3.27E-12	-24.926400	-2490.637	
0.75000	-5.12E-13	5608.899	22.783680
-3.27E-12	-29.299968	-3609.554	
1.00000	-5.12E-13	5637.519	24.615360
-3.27E-12	-34.039872	-4734.196	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.02E-11	7914.570	-9.59E-13
-5.52E-30	3.63E-14	-299.970000	
0.25000	-1.02E-11	7946.370	-9.62E-13
-5.52E-30	2.28E-13	-1886.064	
0.50000	-1.02E-11	7978.170	-9.66E-13
-5.52E-30	4.21E-13	-3478.518	
0.75000	-1.02E-11	8009.970	-9.70E-13
-5.52E-30	6.15E-13	-5077.332	
1.00000	-1.02E-11	8041.770	-9.74E-13
-5.52E-30	8.09E-13	-6682.506	

COMB SVO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.02E-11	7914.570	-9.59E-13
-5.52E-30	3.63E-14	-299.970000	
0.25000	-1.02E-11	7946.370	-9.62E-13
-5.52E-30	2.28E-13	-1886.064	
0.50000	-1.02E-11	7978.170	-9.66E-13
-5.52E-30	4.21E-13	-3478.518	
0.75000	-1.02E-11	8009.970	-9.70E-13
-5.52E-30	6.15E-13	-5077.332	
1.00000	-1.02E-11	8041.770	-9.74E-13
-5.52E-30	8.09E-13	-6682.506	

COMB SVO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.14E-12	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-1.14E-12	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-1.14E-12	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-1.14E-12	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-1.14E-12	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB SVO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.14E-12	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-1.14E-12	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-1.14E-12	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-1.14E-12	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-1.14E-12	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB SVO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-369.846000	6136.710	-7.43E-13
-7.89E-30	-1.06E-13	879.310000	
0.25000	-369.846000	6168.510	-7.47E-13
-7.89E-30	4.25E-14	-351.212000	
0.50000	-369.846000	6200.310	-7.51E-13
-7.89E-30	1.92E-13	-1588.094	
0.75000	-369.846000	6232.110	-7.55E-13
-7.89E-30	3.43E-13	-2831.336	
1.00000	-369.846000	6263.910	-7.59E-13
-7.89E-30	4.94E-13	-4080.938	

COMB SVO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-369.846000	6136.710	-7.43E-13
-7.89E-30	-1.06E-13	879.310000	
0.25000	-369.846000	6168.510	-7.47E-13
-7.89E-30	4.25E-14	-351.212000	
0.50000	-369.846000	6200.310	-7.51E-13
-7.89E-30	1.92E-13	-1588.094	
0.75000	-369.846000	6232.110	-7.55E-13
-7.89E-30	3.43E-13	-2831.336	
1.00000	-369.846000	6263.910	-7.59E-13
-7.89E-30	4.94E-13	-4080.938	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-223.923000	7914.570	-9.59E-13
-7.50E-30	-6.21E-14	512.360000	
0.25000	-223.923000	7946.370	-9.62E-13
-7.50E-30	1.30E-13	-1073.734	
0.50000	-223.923000	7978.170	-9.66E-13
-7.50E-30	3.23E-13	-2666.188	
0.75000	-223.923000	8009.970	-9.70E-13
-7.50E-30	5.17E-13	-4265.002	
1.00000	-223.923000	8041.770	-9.74E-13
-7.50E-30	7.11E-13	-5870.176	

COMB SVO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-223.923000	7914.570	-9.59E-13
-7.50E-30	-6.21E-14	512.360000	
0.25000	-223.923000	7946.370	-9.62E-13
-7.50E-30	1.30E-13	-1073.734	
0.50000	-223.923000	7978.170	-9.66E-13
-7.50E-30	3.23E-13	-2666.188	
0.75000	-223.923000	8009.970	-9.70E-13
-7.50E-30	5.17E-13	-4265.002	
1.00000	-223.923000	8041.770	-9.74E-13

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-7.50E-30    7.11E-13   -5870.176

 COMB    SVO05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    6136.710   -7.43E-13
-6.71E-30   -6.21E-14   512.360000
 0.25000 -223.923000    6168.510   -7.47E-13
-6.71E-30    8.70E-14 -718.162000
 0.50000 -223.923000    6200.310   -7.51E-13
-6.71E-30    2.37E-13   -1955.044
 0.75000 -223.923000    6232.110   -7.55E-13
-6.71E-30    3.87E-13   -3198.286
 1.00000 -223.923000    6263.910   -7.59E-13
-6.71E-30    5.39E-13   -4447.888

 COMB    SVO05 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    6136.710   -7.43E-13
-6.71E-30   -6.21E-14   512.360000
 0.25000 -223.923000    6168.510   -7.47E-13
-6.71E-30    8.70E-14 -718.162000
 0.50000 -223.923000    6200.310   -7.51E-13
-6.71E-30    2.37E-13   -1955.044
 0.75000 -223.923000    6232.110   -7.55E-13
-6.71E-30    3.87E-13   -3198.286
 1.00000 -223.923000    6263.910   -7.59E-13
-6.71E-30    5.39E-13   -4447.888

 COMB    SVO06 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.98E-11    7914.570   -9.59E-13
-6.31E-30    3.63E-14 -299.970000
 0.25000    6.98E-11    7946.370   -9.62E-13
-6.31E-30    2.28E-13   -1886.064
 0.50000    6.98E-11    7978.170   -9.66E-13
-6.31E-30    4.21E-13   -3478.518
 0.75000    6.98E-11    8009.970   -9.70E-13
-6.31E-30    6.15E-13   -5077.332
 1.00000    6.98E-11    8041.770   -9.74E-13
-6.31E-30    8.09E-13   -6682.506

 COMB    SVO06 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.98E-11    7914.570   -9.59E-13
-6.31E-30    3.63E-14 -299.970000
 0.25000    6.98E-11    7946.370   -9.62E-13
-6.31E-30    2.28E-13   -1886.064
 0.50000    6.98E-11    7978.170   -9.66E-13
-6.31E-30    4.21E-13   -3478.518
 0.75000    6.98E-11    8009.970   -9.70E-13
-6.31E-30    6.15E-13   -5077.332
 1.00000    6.98E-11    8041.770   -9.74E-13
-6.31E-30    8.09E-13   -6682.506
Program    SAP2000    Nonlinear    Version    7.42
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L    F O R C E S

 COMB    SVO07 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.02E-11    7914.570   -9.59E-13
-5.52E-30    3.63E-14 -299.970000
 0.25000   -1.02E-11    7946.370   -9.62E-13
-5.52E-30    2.28E-13   -1886.064
 0.50000   -1.02E-11    7978.170   -9.66E-13
-5.52E-30    4.21E-13   -3478.518
 0.75000   -1.02E-11    8009.970   -9.70E-13
-5.52E-30    6.15E-13   -5077.332
 1.00000   -1.02E-11    8041.770   -9.74E-13
-5.52E-30    8.09E-13   -6682.506

 COMB    SVO07 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.02E-11    7914.570   -9.59E-13
-5.52E-30    3.63E-14 -299.970000
 0.25000   -1.02E-11    7946.370   -9.62E-13
-5.52E-30    2.28E-13   -1886.064
 0.50000   -1.02E-11    7978.170   -9.66E-13
-5.52E-30    4.21E-13   -3478.518
 0.75000   -1.02E-11    8009.970   -9.70E-13
-5.52E-30    6.15E-13   -5077.332
 1.00000   -1.02E-11    8041.770   -9.74E-13
-5.52E-30    8.09E-13   -6682.506

 COMB    SVO08 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.89E-11    6136.710   -7.43E-13
-5.52E-30    3.63E-14 -299.970000
 0.25000    7.89E-11    6168.510   -7.47E-13
-5.52E-30    1.85E-13   -1530.492
 0.50000    7.89E-11    6200.310   -7.51E-13
-5.52E-30    3.35E-13   -2767.374
 0.75000    7.89E-11    6232.110   -7.55E-13
-5.52E-30    4.86E-13   -4010.616
 1.00000    7.89E-11    6263.910   -7.59E-13
-5.52E-30    6.37E-13   -5260.218

 COMB    SVO08 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.89E-11    6136.710   -7.43E-13
-5.52E-30    3.63E-14 -299.970000
 0.25000    7.89E-11    6168.510   -7.47E-13
-5.52E-30    1.85E-13   -1530.492
 0.50000    7.89E-11    6200.310   -7.51E-13
-5.52E-30    3.35E-13   -2767.374
 0.75000    7.89E-11    6232.110   -7.55E-13
-5.52E-30    4.86E-13   -4010.616
 1.00000    7.89E-11    6263.910   -7.59E-13
-5.52E-30    6.37E-13   -5260.218

 COMB    SVO09 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.14E-12    6136.710   -7.43E-13
-4.73E-30    3.63E-14 -299.970000
 0.25000   -1.14E-12    6168.510   -7.47E-13
-4.73E-30    1.85E-13   -1530.492
 0.50000   -1.14E-12    6200.310   -7.51E-13
-4.73E-30    3.35E-13   -2767.374
 0.75000   -1.14E-12    6232.110   -7.55E-13
-4.73E-30    4.86E-13   -4010.616
 1.00000   -1.14E-12    6263.910   -7.59E-13
-4.73E-30    6.37E-13   -5260.218

 COMB    SVO09 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.14E-12    6136.710   -7.43E-13
-4.73E-30    3.63E-14 -299.970000
 0.25000   -1.14E-12    6168.510   -7.47E-13
-4.73E-30    1.85E-13   -1530.492
 0.50000   -1.14E-12    6200.310   -7.51E-13
-4.73E-30    3.35E-13   -2767.374
 0.75000   -1.14E-12    6232.110   -7.55E-13
-4.73E-30    4.86E-13   -4010.616
 1.00000   -1.14E-12    6263.910   -7.59E-13
-4.73E-30    6.37E-13   -5260.218
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L    F O R C E S

 COMB    SVO10 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -369.846000    6136.710   -7.43E-13
-8.68E-30   -1.06E-13   879.310000
 0.25000 -369.846000    6168.510   -7.47E-13
-8.68E-30    4.25E-14 -351.212000
 0.50000 -369.846000    6200.310   -7.51E-13
-8.68E-30    1.92E-13   -1588.094
 0.75000 -369.846000    6232.110   -7.55E-13
-8.68E-30    3.43E-13   -2831.336
 1.00000 -369.846000    6263.910   -7.59E-13
-8.68E-30    4.94E-13   -4080.938

 COMB    SVO10 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -369.846000    6136.710   -7.43E-13
-8.68E-30   -1.06E-13   879.310000
 0.25000 -369.846000    6168.510   -7.47E-13
-8.68E-30    4.25E-14 -351.212000
 0.50000 -369.846000    6200.310   -7.51E-13
-8.68E-30    1.92E-13   -1588.094
 0.75000 -369.846000    6232.110   -7.55E-13
-8.68E-30    3.43E-13   -2831.336
 1.00000 -369.846000    6263.910   -7.59E-13
-8.68E-30    4.94E-13   -4080.938

 COMB    SVO11 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -369.846000    6136.710   -7.43E-13
-7.89E-30   -1.06E-13   879.310000
 0.25000 -369.846000    6168.510   -7.47E-13
-7.89E-30    4.25E-14 -351.212000
 0.50000 -369.846000    6200.310   -7.51E-13
-7.89E-30    1.92E-13   -1588.094
 0.75000 -369.846000    6232.110   -7.55E-13
-7.89E-30    3.43E-13   -2831.336
 1.00000 -369.846000    6263.910   -7.59E-13
-7.89E-30    4.94E-13   -4080.938

 COMB    SVO11 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -369.846000    6136.710   -7.43E-13
-7.89E-30   -1.06E-13   879.310000
 0.25000 -369.846000    6168.510   -7.47E-13
-7.89E-30    4.25E-14 -351.212000
 0.50000 -369.846000    6200.310   -7.51E-13
-7.89E-30    1.92E-13   -1588.094
 0.75000 -369.846000    6232.110   -7.55E-13
-7.89E-30    3.43E-13   -2831.336
 1.00000 -369.846000    6263.910   -7.59E-13
-7.89E-30    4.94E-13   -4080.938

 COMB    SVO12 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    7914.570   -9.59E-13
-8.28E-30   -6.21E-14   512.360000
 0.25000 -223.923000    7946.370   -9.62E-13
-8.28E-30    1.30E-13   -1073.734
 0.50000 -223.923000    7978.170   -9.66E-13
-8.28E-30    3.23E-13   -2666.188
 0.75000 -223.923000    8009.970   -9.70E-13
-8.28E-30    5.17E-13   -4265.002
 1.00000 -223.923000    8041.770   -9.74E-13
-8.28E-30    7.11E-13   -5870.176

 COMB    SVO12 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    7914.570   -9.59E-13
-8.28E-30   -6.21E-14   512.360000
 0.25000 -223.923000    7946.370   -9.62E-13
-8.28E-30    1.30E-13   -1073.734
 0.50000 -223.923000    7978.170   -9.66E-13
-8.28E-30    3.23E-13   -2666.188
 0.75000 -223.923000    8009.970   -9.70E-13
-8.28E-30    5.17E-13   -4265.002
 1.00000 -223.923000    8041.770   -9.74E-13
-8.28E-30    7.11E-13   -5870.176
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L    F O R C E S

 COMB    SVO13 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    7914.570   -9.59E-13
-7.50E-30   -6.21E-14   512.360000
 0.25000 -223.923000    7946.370   -9.62E-13
-7.50E-30    1.30E-13   -1073.734
 0.50000 -223.923000    7978.170   -9.66E-13
-7.50E-30    3.23E-13   -2666.188
 0.75000 -223.923000    8009.970   -9.70E-13
-7.50E-30    5.17E-13   -4265.002
 1.00000 -223.923000    8041.770   -9.74E-13
-7.50E-30    7.11E-13   -5870.176

 COMB    SVO13 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    7914.570   -9.59E-13
-7.50E-30   -6.21E-14   512.360000
 0.25000 -223.923000    7946.370   -9.62E-13
-7.50E-30    1.30E-13   -1073.734
 0.50000 -223.923000    7978.170   -9.66E-13
-7.50E-30    3.23E-13   -2666.188
 0.75000 -223.923000    8009.970   -9.70E-13
-7.50E-30    5.17E-13   -4265.002
 1.00000 -223.923000    8041.770   -9.74E-13
-7.50E-30    7.11E-13   -5870.176

 COMB    SVO14 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    6136.710   -7.43E-13
-7.50E-30   -6.21E-14   512.360000
 0.25000 -223.923000    6168.510   -7.47E-13
-7.50E-30    8.70E-14 -718.162000
 0.50000 -223.923000    6200.310   -7.51E-13
-7.50E-30    2.37E-13   -1955.044
 0.75000 -223.923000    6232.110   -7.55E-13
-7.50E-30    3.87E-13   -3198.286
 1.00000 -223.923000    6263.910   -7.59E-13
-7.50E-30    5.39E-13   -4447.888

 COMB    SVO14 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    6136.710   -7.43E-13
-7.50E-30   -6.21E-14   512.360000
 0.25000 -223.923000    6168.510   -7.47E-13
-7.50E-30    8.70E-14 -718.162000
 0.50000 -223.923000    6200.310   -7.51E-13
-7.50E-30    2.37E-13   -1955.044
 0.75000 -223.923000    6232.110   -7.55E-13
-7.50E-30    3.87E-13   -3198.286
 1.00000 -223.923000    6263.910   -7.59E-13
-7.50E-30    5.39E-13   -4447.888

 COMB    SVO15 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    6136.710   -7.43E-13
-6.71E-30   -6.21E-14   512.360000
 0.25000 -223.923000    6168.510   -7.47E-13
-6.71E-30    8.70E-14 -718.162000
 0.50000 -223.923000    6200.310   -7.51E-13
-6.71E-30    2.37E-13   -1955.044
 0.75000 -223.923000    6232.110   -7.55E-13
-6.71E-30    3.87E-13   -3198.286
 1.00000 -223.923000    6263.910   -7.59E-13
-6.71E-30    5.39E-13   -4447.888

 COMB    SVO15 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -223.923000    6136.710   -7.43E-13
-6.71E-30   -6.21E-14   512.360000
 0.25000 -223.923000    6168.510   -7.47E-13
-6.71E-30    8.70E-14 -718.162000
 0.50000 -223.923000    6200.310   -7.51E-13
-6.71E-30    2.37E-13   -1955.044
 0.75000 -223.923000    6232.110   -7.55E-13
-6.71E-30    3.87E-13   -3198.286
 1.00000 -223.923000    6263.910   -7.59E-13
-6.71E-30    5.39E-13   -4447.888
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L    F O R C E S

 COMB    ULO01 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.10E-11   11800.122   -1.43E-12
-7.85E-30    4.72E-14 -389.961000
 0.25000   -2.10E-11   11841.462   -1.43E-12
-7.85E-30    3.34E-13   -2754.119
 0.50000   -2.10E-11   11882.802   -1.44E-12
-7.85E-30    6.21E-13   -5126.546
 0.75000   -2.10E-11   11924.142   -1.44E-12
-7.85E-30    9.09E-13   -7507.240
 1.00000   -2.10E-11   11965.482   -1.45E-12
-7.85E-30    1.20E-12   -9896.203

 COMB    ULO01 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.10E-11   11800.122   -1.43E-12
-7.85E-30    4.72E-14 -389.961000
 0.25000   -2.10E-11   11841.462   -1.43E-12
-7.85E-30    3.34E-13   -2754.119
 0.50000   -2.10E-11   11882.802   -1.44E-12
-7.85E-30    6.21E-13   -5126.546
 0.75000   -2.10E-11   11924.142   -1.44E-12
-7.85E-30    9.09E-13   -7507.240
 1.00000   -2.10E-11   11965.482   -1.45E-12
-7.85E-30    1.20E-12   -9896.203

 COMB    ULO02 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.48E-12    7977.723   -9.66E-13
-6.16E-30    4.72E-14 -389.961000
 0.25000   -1.48E-12    8019.063   -9.71E-13
-6.16E-30    2.41E-13   -1989.640
 0.50000   -1.48E-12    8060.403   -9.76E-13
-6.16E-30    4.36E-13   -3597.586
 0.75000   -1.48E-12    8101.743   -9.81E-13
-6.16E-30    6.31E-13   -5213.801
 1.00000   -1.48E-12    8143.083   -9.86E-13
-6.16E-30    8.28E-13   -6838.283

 COMB    ULO02 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.48E-12    7977.723   -9.66E-13
-6.16E-30    4.72E-14 -389.961000
 0.25000   -1.48E-12    8019.063   -9.71E-13
-6.16E-30    2.41E-13   -1989.640
 0.50000   -1.48E-12    8060.403   -9.76E-13
-6.16E-30    4.36E-13   -3597.586
 0.75000   -1.48E-12    8101.743   -9.81E-13
-6.16E-30    6.31E-13   -5213.801
 1.00000   -1.48E-12    8143.083   -9.86E-13
-6.16E-30    8.28E-13   -6838.283

 COMB    ULO03 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -480.799800    7977.723   -9.66E-13
-1.03E-29   -1.38E-13   1143.103
 0.25000 -480.799800    8019.063   -9.71E-13
-1.03E-29    5.53E-14 -456.575600
 0.50000 -480.799800    8060.403   -9.76E-13
-1.03E-29    2.50E-13   -2064.522
 0.75000 -480.799800    8101.743   -9.81E-13
-1.03E-29    4.46E-13   -3680.737
 1.00000 -480.799800    8143.083   -9.86E-13
-1.03E-29    6.42E-13   -5305.219

 COMB    ULO03 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -480.799800    7977.723   -9.66E-13
-1.03E-29   -1.38E-13   1143.103
 0.25000 -480.799800    8019.063   -9.71E-13
-1.03E-29    5.53E-14 -456.575600
 0.50000 -480.799800    8060.403   -9.76E-13
-1.03E-29    2.50E-13   -2064.522
 0.75000 -480.799800    8101.743   -9.81E-13
-1.03E-29    4.46E-13   -3680.737
 1.00000 -480.799800    8143.083   -9.86E-13
-1.03E-29    6.42E-13   -5305.219
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L    F O R C E S

 COMB    ULO04 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -291.099900   10288.941   -1.25E-12
-9.74E-30   -8.07E-14   666.068000
 0.25000 -291.099900   10330.281   -1.25E-12
-9.74E-30    1.69E-13   -1395.854
 0.50000 -291.099900   10371.621   -1.26E-12
-9.74E-30    4.20E-13   -3466.044
 0.75000 -291.099900   10412.961   -1.26E-12
-9.74E-30    6.71E-13   -5544.503
 1.00000 -291.099900   10454.301   -1.27E-12
-9.74E-30    9.24E-13   -7631.229

 COMB    ULO04 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -291.099900   10288.941   -1.25E-12
-9.74E-30   -8.07E-14   666.068000
 0.25000 -291.099900   10330.281   -1.25E-12
-9.74E-30    1.69E-13   -1395.854
 0.50000 -291.099900   10371.621   -1.26E-12
-9.74E-30    4.20E-13   -3466.044
 0.75000 -291.099900   10412.961   -1.26E-12
-9.74E-30    6.71E-13   -5544.503
 1.00000 -291.099900   10454.301   -1.27E-12
-9.74E-30    9.24E-13   -7631.229

 COMB    ULO05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -291.099900    7977.723   -9.66E-13
-8.72E-30   -8.07E-14   666.068000
 0.25000 -291.099900    8019.063   -9.71E-13
-8.72E-30    1.13E-13 -933.610600
 0.50000 -291.099900    8060.403   -9.76E-13
-8.72E-30    3.08E-13   -2541.557
 0.75000 -291.099900    8101.743   -9.81E-13
-8.72E-30    5.04E-13   -4157.772
 1.00000 -291.099900    8143.083   -9.86E-13
-8.72E-30    7.00E-13   -5782.254

 COMB    ULO05 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000 -291.099900    7977.723   -9.66E-13
-8.72E-30   -8.07E-14   666.068000
 0.25000 -291.099900    8019.063   -9.71E-13
-8.72E-30    1.13E-13 -933.610600
 0.50000 -291.099900    8060.403   -9.76E-13
-8.72E-30    3.08E-13   -2541.557
 0.75000 -291.099900    8101.743   -9.81E-13
-8.72E-30    5.04E-13   -4157.772
 1.00000 -291.099900    8143.083   -9.86E-13
-8.72E-30    7.00E-13   -5782.254

 COMB    ULO06 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.07E-11   10288.941   -1.25E-12
-8.21E-30    4.72E-14 -389.961000
 0.25000    9.07E-11   10330.281   -1.25E-12
-8.21E-30    2.97E-13   -2451.883
 0.50000    9.07E-11   10371.621   -1.26E-12
-8.21E-30    5.48E-13   -4522.073
 0.75000    9.07E-11   10412.961   -1.26E-12
-8.21E-30    7.99E-13   -6600.532
 1.00000    9.07E-11   10454.301   -1.27E-12
-8.21E-30    1.05E-12   -8687.258

 COMB    ULO06 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.07E-11   10288.941   -1.25E-12
-8.21E-30    4.72E-14 -389.961000
 0.25000    9.07E-11   10330.281   -1.25E-12
-8.21E-30    2.97E-13   -2451.883
 0.50000    9.07E-11   10371.621   -1.26E-12
-8.21E-30    5.48E-13   -4522.073
 0.75000    9.07E-11   10412.961   -1.26E-12
-8.21E-30    7.99E-13   -6600.532
 1.00000    9.07E-11   10454.301   -1.27E-12
-8.21E-30    1.05E-12   -8687.258
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L    F O R C E S

 COMB    ULO07 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.33E-11   10288.941   -1.25E-12
-7.18E-30    4.72E-14 -389.961000
 0.25000   -1.33E-11   10330.281   -1.25E-12
-7.18E-30    2.97E-13   -2451.883
 0.50000   -1.33E-11   10371.621   -1.26E-12
-7.18E-30    5.48E-13   -4522.073
 0.75000   -1.33E-11   10412.961   -1.26E-12
-7.18E-30    7.99E-13   -6600.532
 1.00000   -1.33E-11   10454.301   -1.27E-12
-7.18E-30    1.05E-12   -8687.258

 COMB    ULO07 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.33E-11   10288.941   -1.25E-12
-7.18E-30    4.72E-14 -389.961000
 0.25000   -1.33E-11   10330.281   -1.25E-12
-7.18E-30    2.97E-13   -2451.883
 0.50000   -1.33E-11   10371.621   -1.26E-12
-7.18E-30    5.48E-13   -4522.073
 0.75000   -1.33E-11   10412.961   -1.26E-12
-7.18E-30    7.99E-13   -6600.532
 1.00000   -1.33E-11   10454.301   -1.27E-12
-7.18E-30    1.05E-12   -8687.258

 COMB    ULO08 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.03E-10    7977.723   -9.66E-13
-7.18E-30    4.72E-14 -389.961000
 0.25000    1.03E-10    8019.063   -9.71E-13
-7.18E-30    2.41E-13   -1989.640
```

0.50000	1.03E-10	8060.403	-9.76E-13
-7.18E-30	4.36E-13	-3597.586	
0.75000	1.03E-10	8101.743	-9.81E-13
-7.18E-30	6.31E-13	-5213.801	
1.00000	1.03E-10	8143.083	-9.86E-13
-7.18E-30	8.28E-13	-6838.283	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.03E-10	7977.723	-9.66E-13
-7.18E-30	4.72E-14	-389.961000	
0.25000	1.03E-10	8019.063	-9.71E-13
-7.18E-30	2.41E-13	-1989.640	
0.50000	1.03E-10	8060.403	-9.76E-13
-7.18E-30	4.36E-13	-3597.586	
0.75000	1.03E-10	8101.743	-9.81E-13
-7.18E-30	6.31E-13	-5213.801	
1.00000	1.03E-10	8143.083	-9.86E-13
-7.18E-30	8.28E-13	-6838.283	

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.48E-12	7977.723	-9.66E-13
-6.16E-30	4.72E-14	-389.961000	
0.25000	-1.48E-12	8019.063	-9.71E-13
-6.16E-30	2.41E-13	-1989.640	
0.50000	-1.48E-12	8060.403	-9.76E-13
-6.16E-30	4.36E-13	-3597.586	
0.75000	-1.48E-12	8101.743	-9.81E-13
-6.16E-30	6.31E-13	-5213.801	
1.00000	-1.48E-12	8143.083	-9.86E-13
-6.16E-30	8.28E-13	-6838.283	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.48E-12	7977.723	-9.66E-13
-6.16E-30	4.72E-14	-389.961000	
0.25000	-1.48E-12	8019.063	-9.71E-13
-6.16E-30	2.41E-13	-1989.640	
0.50000	-1.48E-12	8060.403	-9.76E-13
-6.16E-30	4.36E-13	-3597.586	
0.75000	-1.48E-12	8101.743	-9.81E-13
-6.16E-30	6.31E-13	-5213.801	
1.00000	-1.48E-12	8143.083	-9.86E-13
-6.16E-30	8.28E-13	-6838.283	

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COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	7670.888	-9.29E-13
-1.08E-29	-1.33E-13	1099.137	
0.25000	-462.307500	7710.638	-9.34E-13
-1.08E-29	5.32E-14	-439.015000	
0.50000	-462.307500	7750.388	-9.39E-13
-1.08E-29	2.40E-13	-1985.118	
0.75000	-462.307500	7790.138	-9.43E-13
-1.08E-29	4.29E-13	-3539.170	
1.00000	-462.307500	7829.888	-9.48E-13
-1.08E-29	6.18E-13	-5101.173	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	7670.888	-9.29E-13
-1.08E-29	-1.33E-13	1099.137	
0.25000	-462.307500	7710.638	-9.34E-13
-1.08E-29	5.32E-14	-439.015000	
0.50000	-462.307500	7750.388	-9.39E-13
-1.08E-29	2.40E-13	-1985.118	
0.75000	-462.307500	7790.138	-9.43E-13
-1.08E-29	4.29E-13	-3539.170	
1.00000	-462.307500	7829.888	-9.48E-13
-1.08E-29	6.18E-13	-5101.173	

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	7670.888	-9.29E-13
-9.86E-30	-1.33E-13	1099.137	
0.25000	-462.307500	7710.638	-9.34E-13
-9.86E-30	5.32E-14	-439.015000	
0.50000	-462.307500	7750.388	-9.39E-13
-9.86E-30	2.40E-13	-1985.118	
0.75000	-462.307500	7790.138	-9.43E-13
-9.86E-30	4.29E-13	-3539.170	
1.00000	-462.307500	7829.888	-9.48E-13
-9.86E-30	6.18E-13	-5101.173	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	7670.888	-9.29E-13
-9.86E-30	-1.33E-13	1099.137	
0.25000	-462.307500	7710.638	-9.34E-13
-9.86E-30	5.32E-14	-439.015000	
0.50000	-462.307500	7750.388	-9.39E-13
-9.86E-30	2.40E-13	-1985.118	
0.75000	-462.307500	7790.138	-9.43E-13
-9.86E-30	4.29E-13	-3539.170	
1.00000	-462.307500	7829.888	-9.48E-13
-9.86E-30	6.18E-13	-5101.173	

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	9893.213	-1.20E-12
-1.04E-29	-7.76E-14	640.450000	
0.25000	-279.903750	9932.963	-1.20E-12
-1.04E-29	1.63E-13	-1342.167	
0.50000	-279.903750	9972.713	-1.21E-12
-1.04E-29	4.04E-13	-3332.735	
0.75000	-279.903750	10012.463	-1.21E-12
-1.04E-29	6.46E-13	-5331.253	
1.00000	-279.903750	10052.213	-1.22E-12
-1.04E-29	8.89E-13	-7337.720	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	9893.213	-1.20E-12
-1.04E-29	-7.76E-14	640.450000	
0.25000	-279.903750	9932.963	-1.20E-12
-1.04E-29	1.63E-13	-1342.167	
0.50000	-279.903750	9972.713	-1.21E-12
-1.04E-29	4.04E-13	-3332.735	
0.75000	-279.903750	10012.463	-1.21E-12
-1.04E-29	6.46E-13	-5331.253	
1.00000	-279.903750	10052.213	-1.22E-12
-1.04E-29	8.89E-13	-7337.720	

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COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	9893.213	-1.20E-12
-9.37E-30	-7.76E-14	640.450000	
0.25000	-279.903750	9932.963	-1.20E-12
-9.37E-30	1.63E-13	-1342.167	
0.50000	-279.903750	9972.713	-1.21E-12
-9.37E-30	4.04E-13	-3332.735	
0.75000	-279.903750	10012.463	-1.21E-12
-9.37E-30	6.46E-13	-5331.253	
1.00000	-279.903750	10052.213	-1.22E-12
-9.37E-30	8.89E-13	-7337.720	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	9893.213	-1.20E-12
-9.37E-30	-7.76E-14	640.450000	
0.25000	-279.903750	9932.963	-1.20E-12
-9.37E-30	1.63E-13	-1342.167	
0.50000	-279.903750	9972.713	-1.21E-12
-9.37E-30	4.04E-13	-3332.735	
0.75000	-279.903750	10012.463	-1.21E-12
-9.37E-30	6.46E-13	-5331.253	
1.00000	-279.903750	10052.213	-1.22E-12
-9.37E-30	8.89E-13	-7337.720	

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	7670.888	-9.29E-13
-9.37E-30	-7.76E-14	640.450000	
0.25000	-279.903750	7710.638	-9.34E-13
-9.37E-30	1.09E-13	-897.702500	
0.50000	-279.903750	7750.388	-9.39E-13
-9.37E-30	2.96E-13	-2443.805	
0.75000	-279.903750	7790.138	-9.43E-13
-9.37E-30	4.84E-13	-3997.858	
1.00000	-279.903750	7829.888	-9.48E-13
-9.37E-30	6.73E-13	-5559.860	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	7670.888	-9.29E-13
-9.37E-30	-7.76E-14	640.450000	
0.25000	-279.903750	7710.638	-9.34E-13
-9.37E-30	1.09E-13	-897.702500	
0.50000	-279.903750	7750.388	-9.39E-13
-9.37E-30	2.96E-13	-2443.805	
0.75000	-279.903750	7790.138	-9.43E-13
-9.37E-30	4.84E-13	-3997.858	
1.00000	-279.903750	7829.888	-9.48E-13
-9.37E-30	6.73E-13	-5559.860	

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	7670.888	-9.29E-13
-8.38E-30	-7.76E-14	640.450000	
0.25000	-279.903750	7710.638	-9.34E-13
-8.38E-30	1.09E-13	-897.702500	
0.50000	-279.903750	7750.388	-9.39E-13
-8.38E-30	2.96E-13	-2443.805	
0.75000	-279.903750	7790.138	-9.43E-13
-8.38E-30	4.84E-13	-3997.858	
1.00000	-279.903750	7829.888	-9.48E-13
-8.38E-30	6.73E-13	-5559.860	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	7670.888	-9.29E-13
-8.38E-30	-7.76E-14	640.450000	
0.25000	-279.903750	7710.638	-9.34E-13
-8.38E-30	1.09E-13	-897.702500	
0.50000	-279.903750	7750.388	-9.39E-13
-8.38E-30	2.96E-13	-2443.805	
0.75000	-279.903750	7790.138	-9.43E-13
-8.38E-30	4.84E-13	-3997.858	
1.00000	-279.903750	7829.888	-9.48E-13
-8.38E-30	6.73E-13	-5559.860	

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COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.14E-12	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-1.14E-12	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-1.14E-12	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-1.14E-12	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-1.14E-12	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.14E-12	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-1.14E-12	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-1.14E-12	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-1.14E-12	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-1.14E-12	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.33E-11	10288.941	-1.25E-12
-7.18E-30	4.72E-14	-389.961000	
0.25000	-1.33E-11	10330.281	-1.25E-12
-7.18E-30	2.97E-13	-2451.883	
0.50000	-1.33E-11	10371.621	-1.26E-12
-7.18E-30	5.48E-13	-4522.073	
0.75000	-1.33E-11	10412.961	-1.26E-12
-7.18E-30	7.99E-13	-6600.532	
1.00000	-1.33E-11	10454.301	-1.27E-12
-7.18E-30	1.05E-12	-8687.258	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.33E-11	10288.941	-1.25E-12
-7.18E-30	4.72E-14	-389.961000	
0.25000	-1.33E-11	10330.281	-1.25E-12
-7.18E-30	2.97E-13	-2451.883	
0.50000	-1.33E-11	10371.621	-1.26E-12
-7.18E-30	5.48E-13	-4522.073	
0.75000	-1.33E-11	10412.961	-1.26E-12
-7.18E-30	7.99E-13	-6600.532	
1.00000	-1.33E-11	10454.301	-1.27E-12
-7.18E-30	1.05E-12	-8687.258	

COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-443.815200	7364.052	-8.92E-13
-9.47E-30	-1.28E-13	1055.172	
0.25000	-443.815200	7402.212	-8.96E-13
-9.47E-30	5.10E-14	-421.454400	
0.50000	-443.815200	7440.372	-9.01E-13
-9.47E-30	2.31E-13	-1905.713	
0.75000	-443.815200	7478.532	-9.06E-13
-9.47E-30	4.11E-13	-3397.603	
1.00000	-443.815200	7516.692	-9.10E-13
-9.47E-30	5.93E-13	-4897.126	

COMB ULO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-443.815200	7364.052	-8.92E-13
-9.47E-30	-1.28E-13	1055.172	
0.25000	-443.815200	7402.212	-8.96E-13
-9.47E-30	5.10E-14	-421.454400	
0.50000	-443.815200	7440.372	-9.01E-13
-9.47E-30	2.31E-13	-1905.713	
0.75000	-443.815200	7478.532	-9.06E-13
-9.47E-30	4.11E-13	-3397.603	
1.00000	-443.815200	7516.692	-9.10E-13
-9.47E-30	5.93E-13	-4897.126	

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COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.09E-11	9959.109	-1.21E-12
-6.43E-30	3.63E-14	-299.970000	
0.25000	-2.09E-11	9990.909	-1.21E-12
-6.43E-30	2.78E-13	-2294.972	
0.50000	-2.09E-11	10022.709	-1.21E-12
-6.43E-30	5.20E-13	-4296.334	
0.75000	-2.09E-11	10054.509	-1.22E-12
-6.43E-30	7.63E-13	-6304.055	
1.00000	-2.09E-11	10086.309	-1.22E-12
-6.43E-30	1.01E-12	-8318.137	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.09E-11	9959.109	-1.21E-12
-6.43E-30	3.63E-14	-299.970000	
0.25000	-2.09E-11	9990.909	-1.21E-12
-6.43E-30	2.78E-13	-2294.972	
0.50000	-2.09E-11	10022.709	-1.21E-12
-6.43E-30	5.20E-13	-4296.334	
0.75000	-2.09E-11	10054.509	-1.22E-12
-6.43E-30	7.63E-13	-6304.055	
1.00000	-2.09E-11	10086.309	-1.22E-12
-6.43E-30	1.01E-12	-8318.137	

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-12	6136.710	-7.43E-13
-4.74E-30	3.63E-14	-299.970000	
0.25000	-1.31E-12	6168.510	-7.47E-13
-4.74E-30	1.85E-13	-1530.492	
0.50000	-1.31E-12	6200.310	-7.51E-13
-4.74E-30	3.35E-13	-2767.374	
0.75000	-1.31E-12	6232.110	-7.55E-13
-4.74E-30	4.86E-13	-4010.616	
1.00000	-1.31E-12	6263.910	-7.59E-13
-4.74E-30	6.37E-13	-5260.218	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-12	6136.710	-7.43E-13
-4.74E-30	3.63E-14	-299.970000	
0.25000	-1.31E-12	6168.510	-7.47E-13
-4.74E-30	1.85E-13	-1530.492	
0.50000	-1.31E-12	6200.310	-7.51E-13
-4.74E-30	3.35E-13	-2767.374	
0.75000	-1.31E-12	6232.110	-7.55E-13
-4.74E-30	4.86E-13	-4010.616	
1.00000	-1.31E-12	6263.910	-7.59E-13
-4.74E-30	6.37E-13	-5260.218	

COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-480.799800	6136.710	-7.43E-13
-8.84E-30	-1.49E-13	1233.094	
0.25000	-480.799800	6168.510	-7.47E-13
-8.84E-30	-3.11E-16	2.572000	
0.50000	-480.799800	6200.310	-7.51E-13
-8.84E-30	1.49E-13	-1234.310	
0.75000	-480.799800	6232.110	-7.55E-13
-8.84E-30	3.00E-13	-2477.552	
1.00000	-480.799800	6263.910	-7.59E-13
-8.84E-30	4.51E-13	-3727.154	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-480.799800	6136.710	-7.43E-13
-8.84E-30	-1.49E-13	1233.094	
0.25000	-480.799800	6168.510	-7.47E-13
-8.84E-30	-3.11E-16	2.572000	
0.50000	-480.799800	6200.310	-7.51E-13
-8.84E-30	1.49E-13	-1234.310	
0.75000	-480.799800	6232.110	-7.55E-13
-8.84E-30	3.00E-13	-2477.552	
1.00000	-480.799800	6263.910	-7.59E-13
-8.84E-30	4.51E-13	-3727.154	

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COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-291.099900	8447.928	-1.02E-12
-8.32E-30	-9.16E-14	756.059000	
0.25000	-291.099900	8479.728	-1.03E-12
-8.32E-30	1.13E-13	-936.706600	
0.50000	-291.099900	8511.528	-1.03E-12
-8.32E-30	3.19E-13	-2635.832	
0.75000	-291.099900	8543.328	-1.03E-12
-8.32E-30	5.26E-13	-4341.318	
1.00000	-291.099900	8575.128	-1.04E-12
-8.32E-30	7.33E-13	-6053.163	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-291.099900	8447.928	-1.02E-12
-8.32E-30	-9.16E-14	756.059000	
0.25000	-291.099900	8479.728	-1.03E-12
-8.32E-30	1.13E-13	-936.706600	
0.50000	-291.099900	8511.528	-1.03E-12
-8.32E-30	3.19E-13	-2635.832	
0.75000	-291.099900	8543.328	-1.03E-12
-8.32E-30	5.26E-13	-4341.318	
1.00000	-291.099900	8575.128	-1.04E-12
-8.32E-30	7.33E-13	-6053.163	

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-291.099900	6136.710	-7.43E-13
-7.30E-30	-9.16E-14	756.059000	
0.25000	-291.099900	6168.510	-7.47E-13
-7.30E-30	5.75E-14	-474.463000	
0.50000	-291.099900	6200.310	-7.51E-13
-7.30E-30	2.07E-13	-1711.345	
0.75000	-291.099900	6232.110	-7.55E-13
-7.30E-30	3.58E-13	-2954.587	
1.00000	-291.099900	6263.910	-7.59E-13
-7.30E-30	5.09E-13	-4204.189	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-291.099900	6136.710	-7.43E-13
-7.30E-30	-9.16E-14	756.059000	
0.25000	-291.099900	6168.510	-7.47E-13
-7.30E-30	5.75E-14	-474.463000	
0.50000	-291.099900	6200.310	-7.51E-13
-7.30E-30	2.07E-13	-1711.345	
0.75000	-291.099900	6232.110	-7.55E-13
-7.30E-30	3.58E-13	-2954.587	
1.00000	-291.099900	6263.910	-7.59E-13
-7.30E-30	5.09E-13	-4204.189	

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-11	8447.928	-1.02E-12
-6.79E-30	3.63E-14	-299.970000	
0.25000	9.09E-11	8479.728	-1.03E-12
-6.79E-30	2.41E-13	-1992.736	
0.50000	9.09E-11	8511.528	-1.03E-12
-6.79E-30	4.47E-13	-3691.861	
0.75000	9.09E-11	8543.328	-1.03E-12
-6.79E-30	6.54E-13	-5397.347	
1.00000	9.09E-11	8575.128	-1.04E-12
-6.79E-30	8.61E-13	-7109.192	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-11	8447.928	-1.02E-12
-6.79E-30	3.63E-14	-299.970000	
0.25000	9.09E-11	8479.728	-1.03E-12
-6.79E-30	2.41E-13	-1992.736	
0.50000	9.09E-11	8511.528	-1.03E-12
-6.79E-30	4.47E-13	-3691.861	
0.75000	9.09E-11	8543.328	-1.03E-12
-6.79E-30	6.54E-13	-5397.347	
1.00000	9.09E-11	8575.128	-1.04E-12
-6.79E-30	8.61E-13	-7109.192	

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COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.31E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.31E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.31E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.31E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.31E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.31E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.31E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.31E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.03E-10	6136.710	-7.43E-13
-5.76E-30	3.63E-14	-299.970000	
0.25000	1.03E-10	6168.510	-7.47E-13
-5.76E-30	1.85E-13	-1530.492	
0.50000	1.03E-10	6200.310	-7.51E-13
-5.76E-30	3.35E-13	-2767.374	
0.75000	1.03E-10	6232.110	-7.55E-13
-5.76E-30	4.86E-13	-4010.616	
1.00000	1.03E-10	6263.910	-7.59E-13
-5.76E-30	6.37E-13	-5260.218	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3

T	M2	M3	
0.00000	1.03E-10	6136.710	-7.43E-13
-5.76E-30	3.63E-14	-299.970000	
0.25000	1.03E-10	6168.510	-7.47E-13
-5.76E-30	1.85E-13	-1530.492	
0.50000	1.03E-10	6200.310	-7.51E-13
-5.76E-30	3.35E-13	-2767.374	
0.75000	1.03E-10	6232.110	-7.55E-13
-5.76E-30	4.86E-13	-4010.616	
1.00000	1.03E-10	6263.910	-7.59E-13
-5.76E-30	6.37E-13	-5260.218	

COMB UEO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-12	6136.710	-7.43E-13
-4.74E-30	3.63E-14	-299.970000	
0.25000	-1.31E-12	6168.510	-7.47E-13
-4.74E-30	1.85E-13	-1530.492	
0.50000	-1.31E-12	6200.310	-7.51E-13
-4.74E-30	3.35E-13	-2767.374	
0.75000	-1.31E-12	6232.110	-7.55E-13
-4.74E-30	4.86E-13	-4010.616	
1.00000	-1.31E-12	6263.910	-7.59E-13
-4.74E-30	6.37E-13	-5260.218	

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-12	6136.710	-7.43E-13
-4.74E-30	3.63E-14	-299.970000	
0.25000	-1.31E-12	6168.510	-7.47E-13
-4.74E-30	1.85E-13	-1530.492	
0.50000	-1.31E-12	6200.310	-7.51E-13
-4.74E-30	3.35E-13	-2767.374	
0.75000	-1.31E-12	6232.110	-7.55E-13
-4.74E-30	4.86E-13	-4010.616	
1.00000	-1.31E-12	6263.910	-7.59E-13
-4.74E-30	6.37E-13	-5260.218	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	5829.875	-7.06E-13
-9.43E-30	-1.44E-13	1189.128	
0.25000	-462.307500	5860.085	-7.10E-13
-9.43E-30	-2.44E-15	20.132600	
0.50000	-462.307500	5890.295	-7.13E-13
-9.43E-30	1.40E-13	-1154.905	
0.75000	-462.307500	5920.505	-7.17E-13
-9.43E-30	2.83E-13	-2335.985	
1.00000	-462.307500	5950.715	-7.21E-13
-9.43E-30	4.27E-13	-3523.107	

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	5829.875	-7.06E-13
-9.43E-30	-1.44E-13	1189.128	
0.25000	-462.307500	5860.085	-7.10E-13
-9.43E-30	-2.44E-15	20.132600	
0.50000	-462.307500	5890.295	-7.13E-13
-9.43E-30	1.40E-13	-1154.905	
0.75000	-462.307500	5920.505	-7.17E-13
-9.43E-30	2.83E-13	-2335.985	
1.00000	-462.307500	5950.715	-7.21E-13
-9.43E-30	4.27E-13	-3523.107	

COMB UEO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	5829.875	-7.06E-13
-8.44E-30	-1.44E-13	1189.128	
0.25000	-462.307500	5860.085	-7.10E-13
-8.44E-30	-2.44E-15	20.132600	
0.50000	-462.307500	5890.295	-7.13E-13
-8.44E-30	1.40E-13	-1154.905	
0.75000	-462.307500	5920.505	-7.17E-13
-8.44E-30	2.83E-13	-2335.985	
1.00000	-462.307500	5950.715	-7.21E-13
-8.44E-30	4.27E-13	-3523.107	

COMB UEO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-462.307500	5829.875	-7.06E-13
-8.44E-30	-1.44E-13	1189.128	
0.25000	-462.307500	5860.085	-7.10E-13
-8.44E-30	-2.44E-15	20.132600	
0.50000	-462.307500	5890.295	-7.13E-13
-8.44E-30	1.40E-13	-1154.905	
0.75000	-462.307500	5920.505	-7.17E-13
-8.44E-30	2.83E-13	-2335.985	
1.00000	-462.307500	5950.715	-7.21E-13
-8.44E-30	4.27E-13	-3523.107	

COMB UEO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	8052.200	-9.75E-13
-8.94E-30	-8.85E-14	730.441000	
0.25000	-279.903750	8082.410	-9.79E-13
-8.94E-30	1.07E-13	-883.019900	
0.50000	-279.903750	8112.620	-9.82E-13
-8.94E-30	3.03E-13	-2502.523	
0.75000	-279.903750	8142.830	-9.86E-13
-8.94E-30	5.00E-13	-4128.068	
1.00000	-279.903750	8173.040	-9.90E-13
-8.94E-30	6.98E-13	-5759.655	

COMB UEO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	8052.200	-9.75E-13
-8.94E-30	-8.85E-14	730.441000	
0.25000	-279.903750	8082.410	-9.79E-13
-8.94E-30	1.07E-13	-883.019900	
0.50000	-279.903750	8112.620	-9.82E-13
-8.94E-30	3.03E-13	-2502.523	
0.75000	-279.903750	8142.830	-9.86E-13
-8.94E-30	5.00E-13	-4128.068	
1.00000	-279.903750	8173.040	-9.90E-13
-8.94E-30	6.98E-13	-5759.655	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	8052.200	-9.75E-13
-7.95E-30	-8.85E-14	730.441000	
0.25000	-279.903750	8082.410	-9.79E-13
-7.95E-30	1.07E-13	-883.019900	
0.50000	-279.903750	8112.620	-9.82E-13
-7.95E-30	3.03E-13	-2502.523	
0.75000	-279.903750	8142.830	-9.86E-13
-7.95E-30	5.00E-13	-4128.068	
1.00000	-279.903750	8173.040	-9.90E-13
-7.95E-30	6.98E-13	-5759.655	

COMB UEO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	8052.200	-9.75E-13
-7.95E-30	-8.85E-14	730.441000	
0.25000	-279.903750	8082.410	-9.79E-13
-7.95E-30	1.07E-13	-883.019900	
0.50000	-279.903750	8112.620	-9.82E-13
-7.95E-30	3.03E-13	-2502.523	
0.75000	-279.903750	8142.830	-9.86E-13
-7.95E-30	5.00E-13	-4128.068	
1.00000	-279.903750	8173.040	-9.90E-13
-7.95E-30	6.98E-13	-5759.655	

COMB UEO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	5829.875	-7.06E-13
-7.95E-30	-8.85E-14	730.441000	
0.25000	-279.903750	5860.085	-7.10E-13
-7.95E-30	5.31E-14	-438.554900	
0.50000	-279.903750	5890.295	-7.13E-13
-7.95E-30	1.95E-13	-1613.593	
0.75000	-279.903750	5920.505	-7.17E-13
-7.95E-30	3.38E-13	-2794.673	
1.00000	-279.903750	5950.715	-7.21E-13
-7.95E-30	4.82E-13	-3981.795	

COMB UEO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	5829.875	-7.06E-13
-7.95E-30	-8.85E-14	730.441000	
0.25000	-279.903750	5860.085	-7.10E-13
-7.95E-30	5.31E-14	-438.554900	
0.50000	-279.903750	5890.295	-7.13E-13
-7.95E-30	1.95E-13	-1613.593	
0.75000	-279.903750	5920.505	-7.17E-13
-7.95E-30	3.38E-13	-2794.673	
1.00000	-279.903750	5950.715	-7.21E-13
-7.95E-30	4.82E-13	-3981.795	

COMB UEO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	5829.875	-7.06E-13
-6.96E-30	-8.85E-14	730.441000	
0.25000	-279.903750	5860.085	-7.10E-13
-6.96E-30	5.31E-14	-438.554900	
0.50000	-279.903750	5890.295	-7.13E-13
-6.96E-30	1.95E-13	-1613.593	
0.75000	-279.903750	5920.505	-7.17E-13
-6.96E-30	3.38E-13	-2794.673	
1.00000	-279.903750	5950.715	-7.21E-13
-6.96E-30	4.82E-13	-3981.795	

COMB UEO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-279.903750	5829.875	-7.06E-13
-6.96E-30	-8.85E-14	730.441000	
0.25000	-279.903750	5860.085	-7.10E-13
-6.96E-30	5.31E-14	-438.554900	
0.50000	-279.903750	5890.295	-7.13E-13
-6.96E-30	1.95E-13	-1613.593	
0.75000	-279.903750	5920.505	-7.17E-13
-6.96E-30	3.38E-13	-2794.673	
1.00000	-279.903750	5950.715	-7.21E-13
-6.96E-30	4.82E-13	-3981.795	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.14E-12	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-1.14E-12	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-1.14E-12	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-1.14E-12	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-1.14E-12	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB UEO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.14E-12	6136.710	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-1.14E-12	6168.510	-7.47E-13
-4.73E-30	1.85E-13	-1530.492	
0.50000	-1.14E-12	6200.310	-7.51E-13
-4.73E-30	3.35E-13	-2767.374	
0.75000	-1.14E-12	6232.110	-7.55E-13
-4.73E-30	4.86E-13	-4010.616	
1.00000	-1.14E-12	6263.910	-7.59E-13
-4.73E-30	6.37E-13	-5260.218	

COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.31E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.31E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.31E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.31E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-11	8447.928	-1.02E-12
-5.76E-30	3.63E-14	-299.970000	
0.25000	-1.31E-11	8479.728	-1.03E-12
-5.76E-30	2.41E-13	-1992.736	
0.50000	-1.31E-11	8511.528	-1.03E-12
-5.76E-30	4.47E-13	-3691.861	
0.75000	-1.31E-11	8543.328	-1.03E-12
-5.76E-30	6.54E-13	-5397.347	
1.00000	-1.31E-11	8575.128	-1.04E-12
-5.76E-30	8.61E-13	-7109.192	

COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-443.815200	5523.039	-6.69E-13
-8.05E-30	-1.39E-13	1145.163	
0.25000	-443.815200	5551.659	-6.72E-13
-8.05E-30	-4.56E-15	37.693200	
0.50000	-443.815200	5580.279	-6.76E-13
-8.05E-30	1.30E-13	-1075.501	
0.75000	-443.815200	5608.899	-6.79E-13
-8.05E-30	2.66E-13	-2194.418	
1.00000	-443.815200	5637.519	-6.83E-13
-8.05E-30	4.02E-13	-3319.060	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-443.815200	5523.039	-6.69E-13
-8.05E-30	-1.39E-13	1145.163	
0.25000	-443.815200	5551.659	-6.72E-13
-8.05E-30	-4.56E-15	37.693200	
0.50000	-443.815200	5580.279	-6.76E-13
-8.05E-30	1.30E-13	-1075.501	
0.75000	-443.815200	5608.899	-6.79E-13
-8.05E-30	2.66E-13	-2194.418	
1.00000	-443.815200	5637.519	-6.83E-13
-8.05E-30	4.02E-13	-3319.060	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.03E-11	11800.122	-1.43E-12
-7.85E-30	4.72E-14	-389.961000	
0.25000	-2.03E-11	11841.462	-1.43E-12
-7.85E-30	3.34E-13	-2754.119	
0.50000	-2.03E-11	11882.802	-1.44E-12
-7.85E-30	6.21E-13	-5126.546	
0.75000	-2.03E-11	11924.142	-1.44E-12
-7.85E-30	9.09E-13	-7507.240	
1.00000	-2.03E-11	11965.482	-1.45E-12
-7.85E-30	1.20E-12	-9896.203	

COMB ENVBULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.03E-11	11800.122	-1.43E-12
-7.85E-30	4.72E-14	-389.961000	
0.25000	-2.03E-11	11841.462	-1.43E-12
-7.85E-30	3.34E-13	-2754.119	
0.50000	-2.03E-11	11882.802	-1.44E-12
-7.85E-30	6.21E-13	-5126.546	
0.75000	-2.03E-11	11924.142	-1.44E-12
-7.85E-30	9.09E-13	-7507.240	
1.00000	-2.03E-11	11965.482	-1.45E-12
-7.85E-30	1.20E-12	-9896.203	

COMB ENVBECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.68E-13	9959.109	-7.43E-13
-4.73E-30	3.63E-14	-299.970000	
0.25000	-5.68E-13	9990.909	-7.47E-13
-4.73E-30	2.78E-13	-1530.492	
0.50000	-5.68E-13	10022.709	-7.51E-13
-4.73E-30	5.20E-13	-2767.374	
0.75000	-5.68E-13	10054.509	-7.55E-13
-4.73E-30	7.63E-13	-4010.616	
1.00000	-5.68E-13	10086.309	-7.59E-13
-4.73E-30	1.01E-12	-5260.218	

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.01E-11	6136.710	-1.21E-12
-6.43E-30	3.63E-14	-299.970000	
0.25000	-2.01E-11	6168.510	-1.21E-12
-6.43E-30	1.85E-13	-2294.972	
0.50000	-2.01E-11	6200.310	-1.21E-12
-6.43E-30	3.35E-13	-4296.334	
0.75000	-2.01E-11	6232.110	-1.22E-12
-6.43E-30	4.86E-13	-6304.055	
1.00000	-2.01E-11	6263.910	-1.22E-12
-6.43E-30	6.37E-13	-8318.137	

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.10E-11	11800.122	-1.43E-12
-7.85E-30	4.72E-14	-389.961000	
0.25000	-2.10E-11	11841.462	-1.43E-12
-7.85E-30	3.34E-13	-2754.119	
0.50000	-2.10E-11	11882.802	-1.44E-12
-7.85E-30	6.21E-13	-5126.546	
0.75000	-2.10E-11	11924.142	-1.44E-12
-7.85E-30	9.09E-13	-7507.240	
1.00000	-2.10E-11	11965.482	-1.45E-12
-7.85E-30	1.20E-12	-9896.203	

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.10E-11	11800.122	-1.43E-12
-7.85E-30	4.72E-14	-389.961000	
0.25000	-2.10E-11	11841.462	-1.43E-12
-7.85E-30	3.34E-13	-2754.119	
0.50000	-2.10E-11	11882.802	-1.44E-12
-7.85E-30	6.21E-13	-5126.546	
0.75000	-2.10E-11	11924.142	-1.44E-12
-7.85E-30	9.09E-13	-7507.240	
1.00000	-2.10E-11	11965.482	-1.45E-12
-7.85E-30	1.20E-12	-9896.203	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.31E-12	9959.109	-7.43E-13
-4.74E-30	3.63E-14	-299.970000	
0.25000	-1.31E-12	9990.909	-7.47E-13
-4.74E-30	2.78E-13	-1530.492	
0.50000	-1.31E-12	10022.709	-7.51E-13
-4.74E-30	5.20E-13	-2767.374	
0.75000	-1.31E-12	10054.509	-7.55E-13
-4.74E-30	7.63E-13	-4010.616	
1.00000	-1.31E-12	10086.309	-7.59E-13
-4.74E-30	1.01E-12	-5260.218	

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.09E-11	6136.710	-1.21E-12
-6.43E-30	3.63E-14	-299.970000	
0.25000	-2.09E-11	6168.510	-1.21E-12
-6.43E-30	1.85E-13	-2294.972	
0.50000	-2.09E-11	6200.310	-1.21E-12
-6.43E-30	3.35E-13	-4296.334	
0.75000	-2.09E-11	6232.110	-1.22E-12
-6.43E-30	4.86E-13	-6304.055	
1.00000	-2.09E-11	6263.910	-1.22E-12
-6.43E-30	6.37E-13	-8318.137	

ELEM 5 ========== LENGTH = 0.975000

LOAD D ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	302.328660	-487.703494	5.86E-14	
2.63E-15	3.64E-13	-2942.351		
0.25000	302.328660	-448.947244	5.39E-14	
2.63E-15	3.50E-13	-2828.197		
0.50000	302.328660	-410.190994	4.92E-14	
2.63E-15	3.38E-13	-2723.489		
0.75000	302.328660	-371.434744	4.45E-14	
2.63E-15	3.26E-13	-2628.229		
1.00000	302.328660	-332.678494	3.98E-14	
2.63E-15	3.16E-13	-2542.415		

LOAD L1 ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	95.664637	5.788457	-8.60E-16	
8.41E-16	8.88E-14	-712.170617		
0.25000	95.664637	5.788457	-8.60E-16	
8.41E-16	8.90E-14	-713.581553		
0.50000	95.664637	5.788457	-8.60E-16	
8.41E-16	8.92E-14	-714.992489		
0.75000	95.664637	5.788457	-8.60E-16	
8.41E-16	8.94E-14	-716.403425		
1.00000	95.664637	5.788457	-8.60E-16	
8.41E-16	8.97E-14	-717.814362		

LOAD W-LO ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	1.14E-17	-2.28E-15	-18.771862	
8.881358	-21.416731	-2.53E-15		
0.25000	1.14E-17	-2.06E-15	-16.911562	
8.881358	-17.067814	-2.00E-15		
0.50000	1.14E-17	-1.83E-15	-15.051262	
8.881358	-13.172345	-1.53E-15		
0.75000	1.14E-17	-1.60E-15	-13.190962	
8.881358	-9.730323	-1.11E-15		
1.00000	1.14E-17	-1.38E-15	-11.330662	
8.881358	-6.741750	-7.43E-16		

LOAD G-LO2 ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	4.75E-16	4.23E-16	4.396531	
34.554180	-194.244941	-2.02E-14		
0.25000	4.75E-16	4.23E-16	4.396531	
34.554180	-195.316596	-2.03E-14		
0.50000	4.75E-16	4.23E-16	4.396531	
34.554180	-196.388250	-2.04E-14		

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3	
T	M2	M3		
0.75000	4.75E-16	4.23E-16	4.396531	
34.554180	-197.459905	-2.05E-14		
1.00000	4.75E-16	4.23E-16	4.396531	
34.554180	-198.531559	-2.06E-14		

LOAD E-LO ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.25000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.50000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.75000	.000000	.000000	.000000	
.000000	.000000	.000000		
1.00000	.000000	.000000	.000000	
.000000	.000000	.000000		

LOAD W-TR ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	14.369780	1087.314	-1.32E-13	
1.96E-15	-4.04E-13	3353.866		
0.25000	14.369780	1087.314	-1.32E-13	
1.96E-15	-3.72E-13	3088.834		
0.50000	14.369780	1087.314	-1.32E-13	
1.96E-15	-3.39E-13	2823.801		
0.75000	14.369780	1087.314	-1.32E-13	
1.96E-15	-3.07E-13	2558.768		
1.00000	14.369780	1087.314	-1.32E-13	
1.96E-15	-2.75E-13	2293.736		

LOAD WL ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	3.600712	145.961940	-1.77E-14	
2.62E-16	-5.43E-14	450.948905		
0.25000	3.600712	145.961940	-1.77E-14	
2.62E-16	-5.00E-14	415.370683		
0.50000	3.600712	145.961940	-1.77E-14	
2.62E-16	-4.56E-14	379.792460		
0.75000	3.600712	145.961940	-1.77E-14	
2.62E-16	-4.13E-14	344.214237		
1.00000	3.600712	145.961940	-1.77E-14	
2.62E-16	-3.70E-14	308.636014		

LOAD G-TR ----------

REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-67.388843	-2.564738	2.33E-16	
4.10E-16	4.63E-14	-372.104445		
0.25000	-67.388843	-2.564738	2.33E-16	

```
4.10E-16    4.63E-14 -371.479290
 0.50000   -67.388843   -2.564738     2.33E-16
4.10E-16    4.62E-14 -370.854135
 0.75000   -67.388843   -2.564738     2.33E-16
4.10E-16    4.62E-14 -370.228980
 1.00000   -67.388843   -2.564738     2.33E-16
4.10E-16    4.61E-14 -369.603825

 LOAD    E-TR  ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    .000000    .000000    .000000
 .000000    .000000    .000000    .000000
 0.25000    .000000    .000000    .000000
 .000000    .000000    .000000    .000000
 0.50000    .000000    .000000    .000000
 .000000    .000000    .000000    .000000
 0.75000    .000000    .000000    .000000
 .000000    .000000    .000000    .000000
 1.00000    .000000    .000000    .000000
 .000000    .000000    .000000

 LOAD    Q1-TR  ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.014015    0.568113   -6.90E-17
1.02E-18   -2.11E-16    1.755184
 Program  SAP2000  Nonlinear  Version  7.42
          File:청도1교상행_P11_본체.OUT

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 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000    0.014015    0.568113   -6.90E-17
1.02E-18   -1.94E-16    1.616706
 0.50000    0.014015    0.568113   -6.90E-17
1.02E-18   -1.78E-16    1.478229
 0.75000    0.014015    0.568113   -6.90E-17
1.02E-18   -1.61E-16    1.339751
 1.00000    0.014015    0.568113   -6.90E-17
1.02E-18   -1.44E-16    1.201274

 LOAD  COL-TR  ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.045539    1.846008   -2.24E-16
3.31E-18   -6.87E-16    5.703236
 0.25000    0.045539    1.846008   -2.24E-16
3.31E-18   -6.32E-16    5.253271
 0.50000    0.045539    1.846008   -2.24E-16
3.31E-18   -5.77E-16    4.803307
 0.75000    0.045539    1.846008   -2.24E-16
3.31E-18   -5.23E-16    4.353342
 1.00000    0.045539    1.846008   -2.24E-16
3.31E-18   -4.68E-16    3.903378

 COMB    SVB01  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    5.77E-14
3.47E-15    4.53E-13   -3654.522
 0.25000  397.993296  -443.158787    5.30E-14
3.47E-15    4.39E-13   -3541.778
 0.50000  397.993296  -404.402537    4.83E-14
3.47E-15    4.27E-13   -3438.482
 0.75000  397.993296  -365.646287    4.36E-14
3.47E-15    4.16E-13   -3344.632
 1.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229

 COMB    SVB01  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    5.77E-14
3.47E-15    4.53E-13   -3654.522
 0.25000  397.993296  -443.158787    5.30E-14
3.47E-15    4.39E-13   -3541.778
 0.50000  397.993296  -404.402537    4.83E-14
3.47E-15    4.27E-13   -3438.482
 0.75000  397.993296  -365.646287    4.36E-14
3.47E-15    4.16E-13   -3344.632
 1.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229

 COMB    SVB02  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    5.86E-14
2.63E-15    3.64E-13   -2942.351
 0.25000  302.328660  -448.947244    5.39E-14
2.63E-15    3.50E-13   -2828.197
 0.50000  302.328660  -410.190994    4.92E-14
2.63E-15    3.38E-13   -2723.489
 0.75000  302.328660  -371.434744    4.45E-14
2.63E-15    3.26E-13   -2628.229
 1.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415

 COMB    SVB02  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    5.86E-14
2.63E-15    3.64E-13   -2942.351
 0.25000  302.328660  -448.947244    5.39E-14
2.63E-15    3.50E-13   -2828.197
 0.50000  302.328660  -410.190994    4.92E-14
2.63E-15    3.38E-13   -2723.489
 0.75000  302.328660  -371.434744    4.45E-14
2.63E-15    3.26E-13   -2628.229
 1.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415
 Program  SAP2000  Nonlinear  Version  7.42
          File:청도1교상행_P11_본체.OUT

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 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB    SVB03  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -18.771862
8.881358   -21.416731   -2942.351
 0.25000  302.328660  -448.947244   -16.911562
8.881358   -17.067814   -2828.197
 0.50000  302.328660  -410.190994   -15.051262
8.881358   -13.172345   -2723.489
 0.75000  302.328660  -371.434744   -13.190962
8.881358    -9.730323   -2628.229
 1.00000  302.328660  -332.678494   -11.330662
8.881358    -6.741750   -2542.415

 COMB    SVB03  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -18.771862
8.881358   -21.416731   -2942.351
 0.25000  302.328660  -448.947244   -16.911562
8.881358   -17.067814   -2828.197
 0.50000  302.328660  -410.190994   -15.051262
8.881358   -13.172345   -2723.489
 0.75000  302.328660  -371.434744   -13.190962
8.881358    -9.730323   -2628.229
 1.00000  302.328660  -332.678494   -11.330662
8.881358    -6.741750   -2542.415

 COMB    SVB04  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    4.396531
34.554180  -194.244941   -3654.522
 0.25000  397.993296  -443.158787    4.396531
34.554180  -195.316596   -3541.778
 0.50000  397.993296  -404.402537    4.396531
34.554180  -196.388250   -3438.482
 0.75000  397.993296  -365.646287    4.396531
34.554180  -197.459905   -3344.632
 1.00000  397.993296  -326.890037    4.396531
34.554180  -198.531559   -3260.229

 COMB    SVB04  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    4.396531
34.554180  -194.244941   -3654.522
 0.25000  397.993296  -443.158787    4.396531
34.554180  -195.316596   -3541.778
 0.50000  397.993296  -404.402537    4.396531
34.554180  -196.388250   -3438.482
 0.75000  397.993296  -365.646287    4.396531
34.554180  -197.459905   -3344.632
 1.00000  397.993296  -326.890037    4.396531
34.554180  -198.531559   -3260.229

 COMB    SVB05  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -18.771862
8.881358   -21.416731   -2942.351
 0.25000  302.328660  -448.947244   -16.911562
8.881358   -17.067814   -2828.197
 0.50000  302.328660  -410.190994   -15.051262
8.881358   -13.172345   -2723.489
 0.75000  302.328660  -371.434744   -13.190962
8.881358    -9.730323   -2628.229
 1.00000  302.328660  -332.678494   -11.330662
8.881358    -6.741750   -2542.415

 COMB    SVB05  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -18.771862
8.881358   -21.416731   -2942.351
 0.25000  302.328660  -448.947244   -16.911562
8.881358   -17.067814   -2828.197
 0.50000  302.328660  -410.190994   -15.051262
8.881358   -13.172345   -2723.489
 0.75000  302.328660  -371.434744   -13.190962
8.881358    -9.730323   -2628.229
 1.00000  302.328660  -332.678494   -11.330662
8.881358    -6.741750   -2542.415

 COMB    SVB06  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    4.396531
34.554180  -194.244941   -3654.522
 0.25000  397.993296  -443.158787    4.396531
34.554180  -195.316596   -3541.778
 0.50000  397.993296  -404.402537    4.396531
34.554180  -196.388250   -3438.482
 0.75000  397.993296  -365.646287    4.396531
34.554180  -197.459905   -3344.632
 1.00000  397.993296  -326.890037    4.396531
34.554180  -198.531559   -3260.229

 COMB    SVB06  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    4.396531
34.554180  -194.244941   -3654.522
 0.25000  397.993296  -443.158787    4.396531
34.554180  -195.316596   -3541.778
 0.50000  397.993296  -404.402537    4.396531
34.554180  -196.388250   -3438.482
 0.75000  397.993296  -365.646287    4.396531
34.554180  -197.459905   -3344.632
 1.00000  397.993296  -326.890037    4.396531
34.554180  -198.531559   -3260.229

 COMB    SVB07  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    5.77E-14
3.47E-15    4.53E-13   -3654.522
 0.25000  397.993296  -443.158787    5.30E-14
3.47E-15    4.39E-13   -3541.778
 0.50000  397.993296  -404.402537    4.83E-14
3.47E-15    4.27E-13   -3438.482
 0.75000  397.993296  -365.646287    4.36E-14
3.47E-15    4.16E-13   -3344.632
 1.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229

 COMB    SVB07  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    5.77E-14
3.47E-15    4.53E-13   -3654.522
 0.25000  397.993296  -443.158787    5.30E-14
3.47E-15    4.39E-13   -3541.778
 0.50000  397.993296  -404.402537    4.83E-14
3.47E-15    4.27E-13   -3438.482
 0.75000  397.993296  -365.646287    4.36E-14
3.47E-15    4.16E-13   -3344.632
 1.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229

 COMB    SVB08  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    4.396531
34.554180  -194.244941   -2942.351
 0.25000  302.328660  -448.947244    4.396531
34.554180  -195.316596   -2828.197
 0.50000  302.328660  -410.190994    4.396531
34.554180  -196.388250   -2723.489
 0.75000  302.328660  -371.434744    4.396531
34.554180  -197.459905   -2628.229
 1.00000  302.328660  -332.678494    4.396531
34.554180  -198.531559   -2542.415

 COMB    SVB08  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    4.396531
34.554180  -194.244941   -2942.351
 0.25000  302.328660  -448.947244    4.396531
34.554180  -195.316596   -2828.197
 0.50000  302.328660  -410.190994    4.396531
34.554180  -196.388250   -2723.489
 0.75000  302.328660  -371.434744    4.396531
34.554180  -197.459905   -2628.229
 1.00000  302.328660  -332.678494    4.396531
34.554180  -198.531559   -2542.415
 Program  SAP2000  Nonlinear  Version  7.42
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 L   F O R C E S

 COMB    SVB09  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    5.86E-14
2.63E-15    3.64E-13   -2942.351
 0.25000  302.328660  -448.947244    5.39E-14
2.63E-15    3.50E-13   -2828.197
 0.50000  302.328660  -410.190994    4.92E-14
2.63E-15    3.38E-13   -2723.489
 0.75000  302.328660  -371.434744    4.45E-14
2.63E-15    3.26E-13   -2628.229
 1.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415

 COMB    SVB09  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    5.86E-14
2.63E-15    3.64E-13   -2942.351
 0.25000  302.328660  -448.947244    5.39E-14
2.63E-15    3.50E-13   -2828.197
 0.50000  302.328660  -410.190994    4.92E-14
2.63E-15    3.38E-13   -2723.489
 0.75000  302.328660  -371.434744    4.45E-14
2.63E-15    3.26E-13   -2628.229
 1.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415

 COMB    SVB10  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -14.375331
43.435538  -215.661673   -2942.351
 0.25000  302.328660  -448.947244   -12.515031
43.435538  -212.384410   -2828.197
 0.50000  302.328660  -410.190994   -10.654731
43.435538  -209.560595   -2723.489
 0.75000  302.328660  -371.434744    -8.794431
43.435538  -207.190228   -2628.229
 1.00000  302.328660  -332.678494    -6.934131
43.435538  -205.273310   -2542.415

 COMB    SVB10  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -14.375331
43.435538  -215.661673   -2942.351
 0.25000  302.328660  -448.947244   -12.515031
43.435538  -212.384410   -2828.197
 0.50000  302.328660  -410.190994   -10.654731
43.435538  -209.560595   -2723.489
 0.75000  302.328660  -371.434744    -8.794431
43.435538  -207.190228   -2628.229
 1.00000  302.328660  -332.678494    -6.934131
43.435538  -205.273310   -2542.415

 COMB    SVB11  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -18.771862
8.881358   -21.416731   -2942.351
 0.25000  302.328660  -448.947244   -16.911562
8.881358   -17.067814   -2828.197
 0.50000  302.328660  -410.190994   -15.051262
8.881358   -13.172345   -2723.489
 0.75000  302.328660  -371.434744   -13.190962
8.881358    -9.730323   -2628.229
 1.00000  302.328660  -332.678494   -11.330662
8.881358    -6.741750   -2542.415

 COMB    SVB11  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494   -18.771862
8.881358   -21.416731   -2942.351
 0.25000  302.328660  -448.947244   -16.911562
8.881358   -17.067814   -2828.197
 0.50000  302.328660  -410.190994   -15.051262
8.881358   -13.172345   -2723.489
 0.75000  302.328660  -371.434744   -13.190962
8.881358    -9.730323   -2628.229
 1.00000  302.328660  -332.678494   -11.330662
8.881358    -6.741750   -2542.415
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 L   F O R C E S

 COMB    SVB12  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    4.989400
38.994859  -204.953307   -3654.522
 0.25000  397.993296  -443.158787    4.059250
38.994859  -203.850503   -3541.778
 0.50000  397.993296  -404.402537    3.129100
38.994859  -202.974423   -3438.482
 0.75000  397.993296  -365.646287    2.198950
38.994859  -202.325067   -3344.632
 1.00000  397.993296  -326.890037    1.268800
38.994859  -201.902434   -3260.229

 COMB    SVB12  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    4.989400
38.994859  -204.953307   -3654.522
 0.25000  397.993296  -443.158787    4.059250
38.994859  -203.850503   -3541.778
 0.50000  397.993296  -404.402537    3.129100
38.994859  -202.974423   -3438.482
 0.75000  397.993296  -365.646287    2.198950
38.994859  -202.325067   -3344.632
 1.00000  397.993296  -326.890037    1.268800
38.994859  -201.902434   -3260.229

 COMB    SVB13  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    9.385931
4.440679   -10.708366   -3654.522
 0.25000  397.993296  -443.158787    8.455781
4.440679    -8.533907   -3541.778
 0.50000  397.993296  -404.402537    7.525631
4.440679    -6.586172   -3438.482
 0.75000  397.993296  -365.646287    6.595481
4.440679    -4.865162   -3344.632
 1.00000  397.993296  -326.890037    5.665331
4.440679    -3.370875   -3260.229

 COMB    SVB13  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -481.915037    9.385931
4.440679   -10.708366   -3654.522
 0.25000  397.993296  -443.158787    8.455781
4.440679    -8.533907   -3541.778
 0.50000  397.993296  -404.402537    7.525631
4.440679    -6.586172   -3438.482
 0.75000  397.993296  -365.646287    6.595481
4.440679    -4.865162   -3344.632
 1.00000  397.993296  -326.890037    5.665331
4.440679    -3.370875   -3260.229

 COMB    SVB14  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    4.989400
38.994859  -204.953307   -2942.351
 0.25000  302.328660  -448.947244    4.059250
38.994859  -203.850503   -2828.197
 0.50000  302.328660  -410.190994    3.129100
38.994859  -202.974423   -2723.489
 0.75000  302.328660  -371.434744    2.198950
38.994859  -202.325067   -2628.229
 1.00000  302.328660  -332.678494    1.268800
38.994859  -201.902434   -2542.415

 COMB    SVB14  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    4.989400
38.994859  -204.953307   -2942.351
 0.25000  302.328660  -448.947244    4.059250
38.994859  -203.850503   -2828.197
 0.50000  302.328660  -410.190994    3.129100
38.994859  -202.974423   -2723.489
 0.75000  302.328660  -371.434744    2.198950
38.994859  -202.325067   -2628.229
 1.00000  302.328660  -332.678494    1.268800
38.994859  -201.902434   -2542.415
 Program  SAP2000  Nonlinear  Version  7.42
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 L   F O R C E S

 COMB    SVB15  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    9.385931
4.440679   -10.708366   -2942.351
 0.25000  302.328660  -448.947244    8.455781
4.440679    -8.533907   -2828.197
 0.50000  302.328660  -410.190994    7.525631
4.440679    -6.586172   -2723.489
 0.75000  302.328660  -371.434744    6.595481
4.440679    -4.865162   -2628.229
 1.00000  302.328660  -332.678494    5.665331
4.440679    -3.370875   -2542.415

 COMB    SVB15  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -487.703494    9.385931
4.440679   -10.708366   -2942.351
 0.25000  302.328660  -448.947244    8.455781
4.440679    -8.533907   -2828.197
 0.50000  302.328660  -410.190994    7.525631
4.440679    -6.586172   -2723.489
 0.75000  302.328660  -371.434744    6.595481
4.440679    -4.865162   -2628.229
 1.00000  302.328660  -332.678494    5.665331
4.440679    -3.370875   -2542.415

 COMB    ULB01  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  598.706226  -621.569360    7.43E-14
5.22E-15    6.64E-13   -5356.223
 0.25000  598.706226  -571.186235    6.82E-14
5.22E-15    6.47E-13   -5210.856
 0.50000  598.706226  -520.803110    6.21E-14
5.22E-15    6.31E-13   -5077.770
 0.75000  598.706226  -470.419985    5.60E-14
5.22E-15    6.17E-13   -4956.965
 1.00000  598.706226  -420.036860    4.99E-14
5.22E-15    6.04E-13   -4848.440

 COMB    ULB01  ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  598.706226  -621.569360    7.43E-14
5.22E-15    6.64E-13   -5356.223
 0.25000  598.706226  -571.186235    6.82E-14
5.22E-15    6.47E-13   -5210.856
 0.50000  598.706226  -520.803110    6.21E-14
5.22E-15    6.31E-13   -5077.770
 0.75000  598.706226  -470.419985    5.60E-14
5.22E-15    6.17E-13   -4956.965
 1.00000  598.706226  -420.036860    4.99E-14
5.22E-15    6.04E-13   -4848.440

 COMB    ULB02  ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  393.027257  -634.014542    7.61E-14
3.41E-15    4.73E-13   -3825.056
 0.25000  393.027257  -583.631417    7.00E-14
3.41E-15    4.55E-13   -3676.656
 0.50000  393.027257  -533.248292    6.39E-14
3.41E-15    4.39E-13   -3540.536
 0.75000  393.027257  -482.865167    5.78E-14
3.41E-15    4.24E-13   -3416.697
 1.00000  393.027257  -432.482042    5.17E-14
3.41E-15    4.11E-13   -3305.139
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COMB ULB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	7.61E-14
3.41E-15	4.73E-13	-3825.056	
0.25000	393.027257	-583.631417	7.00E-14
3.41E-15	4.55E-13	-3676.656	
0.50000	393.027257	-533.248292	6.39E-14
3.41E-15	4.39E-13	-3540.536	
0.75000	393.027257	-482.865167	5.78E-14
3.41E-15	4.24E-13	-3416.697	
1.00000	393.027257	-432.482042	5.17E-14
3.41E-15	4.11E-13	-3305.139	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	-24.403421
11.545765	-27.841751	-3825.056	
0.25000	393.027257	-583.631417	-21.985031
11.545765	-22.188158	-3676.656	
0.50000	393.027257	-533.248292	-19.566641
11.545765	-17.124048	-3540.536	
0.75000	393.027257	-482.865167	-17.148251
11.545765	-12.649420	-3416.697	
1.00000	393.027257	-432.482042	-14.729861
11.545765	-8.764275	-3305.139	

COMB ULB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	-24.403421
11.545765	-27.841751	-3825.056	
0.25000	393.027257	-583.631417	-21.985031
11.545765	-22.188158	-3676.656	
0.50000	393.027257	-533.248292	-19.566641
11.545765	-17.124048	-3540.536	
0.75000	393.027257	-482.865167	-17.148251
11.545765	-12.649420	-3416.697	
1.00000	393.027257	-432.482042	-14.729861
11.545765	-8.764275	-3305.139	

COMB ULB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	-12.201711
5.772883	-13.920875	-4750.878	
0.25000	517.391285	-576.106423	-10.992516
5.772883	-11.094079	-4604.312	
0.50000	517.391285	-525.723298	-9.783321
5.772883	-8.562024	-4470.026	
0.75000	517.391285	-475.340173	-8.574126
5.772883	-6.324710	-4348.022	
1.00000	517.391285	-424.957048	-7.364931
5.772883	-4.382138	-4238.298	

COMB ULB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	-12.201711
5.772883	-13.920875	-4750.878	
0.25000	517.391285	-576.106423	-10.992516
5.772883	-11.094079	-4604.312	
0.50000	517.391285	-525.723298	-9.783321
5.772883	-8.562024	-4470.026	
0.75000	517.391285	-475.340173	-8.574126
5.772883	-6.324710	-4348.022	
1.00000	517.391285	-424.957048	-7.364931
5.772883	-4.382138	-4238.298	

COMB ULB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	-12.201711
5.772883	-13.920875	-3825.056	
0.25000	393.027257	-583.631417	-10.992516
5.772883	-11.094079	-3676.656	
0.50000	393.027257	-533.248292	-9.783321
5.772883	-8.562024	-3540.536	
0.75000	393.027257	-482.865167	-8.574126
5.772883	-6.324710	-3416.697	
1.00000	393.027257	-432.482042	-7.364931
5.772883	-4.382138	-3305.139	

COMB ULB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	-12.201711
5.772883	-13.920875	-3825.056	
0.25000	393.027257	-583.631417	-10.992516
5.772883	-11.094079	-3676.656	
0.50000	393.027257	-533.248292	-9.783321
5.772883	-8.562024	-3540.536	
0.75000	393.027257	-482.865167	-8.574126
5.772883	-6.324710	-3416.697	
1.00000	393.027257	-432.482042	-7.364931
5.772883	-4.382138	-3305.139	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	5.715491
44.920434	-252.518424	-4750.878	
0.25000	517.391285	-576.106423	5.715491
44.920434	-253.911575	-4604.312	
0.50000	517.391285	-525.723298	5.715491
44.920434	-255.304725	-4470.026	
0.75000	517.391285	-475.340173	5.715491
44.920434	-256.697876	-4348.022	
1.00000	517.391285	-424.957048	5.715491
44.920434	-258.091027	-4238.298	

COMB ULB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	5.715491
44.920434	-252.518424	-4750.878	
0.25000	517.391285	-576.106423	5.715491
44.920434	-253.911575	-4604.312	
0.50000	517.391285	-525.723298	5.715491
44.920434	-255.304725	-4470.026	
0.75000	517.391285	-475.340173	5.715491
44.920434	-256.697876	-4348.022	
1.00000	517.391285	-424.957048	5.715491
44.920434	-258.091027	-4238.298	

COMB ULB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	7.50E-14
4.51E-15	5.89E-13	-4750.878	
0.25000	517.391285	-576.106423	6.89E-14
4.51E-15	5.71E-13	-4604.312	
0.50000	517.391285	-525.723298	6.28E-14
4.51E-15	5.55E-13	-4470.026	
0.75000	517.391285	-475.340173	5.67E-14
4.51E-15	5.41E-13	-4348.022	
1.00000	517.391285	-424.957048	5.06E-14
4.51E-15	5.28E-13	-4238.298	

COMB ULB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	7.50E-14
4.51E-15	5.89E-13	-4750.878	
0.25000	517.391285	-576.106423	6.89E-14
4.51E-15	5.71E-13	-4604.312	
0.50000	517.391285	-525.723298	6.28E-14
4.51E-15	5.55E-13	-4470.026	
0.75000	517.391285	-475.340173	5.67E-14
4.51E-15	5.41E-13	-4348.022	
1.00000	517.391285	-424.957048	5.06E-14
4.51E-15	5.28E-13	-4238.298	

COMB ULB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	5.715491
44.920434	-252.518424	-3825.056	
0.25000	393.027257	-583.631417	5.715491
44.920434	-253.911575	-3676.656	
0.50000	393.027257	-533.248292	5.715491
44.920434	-255.304725	-3540.536	
0.75000	393.027257	-482.865167	5.715491
44.920434	-256.697876	-3416.697	
1.00000	393.027257	-432.482042	5.715491
44.920434	-258.091027	-3305.139	

COMB ULB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	5.715491
44.920434	-252.518424	-3825.056	
0.25000	393.027257	-583.631417	5.715491
44.920434	-253.911575	-3676.656	
0.50000	393.027257	-533.248292	5.715491
44.920434	-255.304725	-3540.536	
0.75000	393.027257	-482.865167	5.715491
44.920434	-256.697876	-3416.697	
1.00000	393.027257	-432.482042	5.715491
44.920434	-258.091027	-3305.139	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	7.61E-14
3.41E-15	4.73E-13	-3825.056	
0.25000	393.027257	-583.631417	7.00E-14
3.41E-15	4.55E-13	-3676.656	
0.50000	393.027257	-533.248292	6.39E-14
3.41E-15	4.39E-13	-3540.536	
0.75000	393.027257	-482.865167	5.78E-14
3.41E-15	4.24E-13	-3416.697	
1.00000	393.027257	-432.482042	5.17E-14
3.41E-15	4.11E-13	-3305.139	

COMB ULB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-634.014542	7.61E-14
3.41E-15	4.73E-13	-3825.056	
0.25000	393.027257	-583.631417	7.00E-14
3.41E-15	4.55E-13	-3676.656	
0.50000	393.027257	-533.248292	6.39E-14
3.41E-15	4.39E-13	-3540.536	
0.75000	393.027257	-482.865167	5.78E-14
3.41E-15	4.24E-13	-3416.697	
1.00000	393.027257	-432.482042	5.17E-14
3.41E-15	4.11E-13	-3305.139	

COMB ULB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-17.969164
54.294422	-269.577091	-3677.939	
0.25000	377.910824	-561.184055	-15.643789
54.294422	-265.480512	-3535.246	
0.50000	377.910824	-512.738742	-13.318414
54.294422	-261.950744	-3404.362	
0.75000	377.910824	-464.293430	-10.993039
54.294422	-258.987785	-3285.286	
1.00000	377.910824	-415.848117	-8.667664
54.294422	-256.591637	-3178.019	

COMB ULB10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-17.969164
54.294422	-269.577091	-3677.939	
0.25000	377.910824	-561.184055	-15.643789
54.294422	-265.480512	-3535.246	
0.50000	377.910824	-512.738742	-13.318414
54.294422	-261.950744	-3404.362	
0.75000	377.910824	-464.293430	-10.993039
54.294422	-258.987785	-3285.286	
1.00000	377.910824	-415.848117	-8.667664
54.294422	-256.591637	-3178.019	

COMB ULB11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-23.464828
11.101697	-26.770914	-3677.939	
0.25000	377.910824	-561.184055	-21.139453
11.101697	-21.334767	-3535.246	
0.50000	377.910824	-512.738742	-18.814078
11.101697	-16.465431	-3404.362	
0.75000	377.910824	-464.293430	-16.488703
11.101697	-12.162904	-3285.286	
1.00000	377.910824	-415.848117	-14.163328
11.101697	-8.427188	-3178.019	

COMB ULB11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-23.464828
11.101697	-26.770914	-3677.939	
0.25000	377.910824	-561.184055	-21.139453
11.101697	-21.334767	-3535.246	
0.50000	377.910824	-512.738742	-18.814078
11.101697	-16.465431	-3404.362	
0.75000	377.910824	-464.293430	-16.488703
11.101697	-12.162904	-3285.286	
1.00000	377.910824	-415.848117	-14.163328
11.101697	-8.427188	-3178.019	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-602.393796	-6.236750
48.743573	-256.191634	-4568.152	
0.25000	497.491620	-553.948484	-5.074063
48.743573	-254.813128	-4427.223	
0.50000	497.491620	-505.503171	-3.911375
48.743573	-253.718028	-4298.102	
0.75000	497.491620	-457.057859	-2.748688
48.743573	-252.906333	-4180.790	
1.00000	497.491620	-408.612546	-1.586000
48.743573	-252.378043	-4075.287	

COMB ULB12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-602.393796	-6.236750
48.743573	-256.191634	-4568.152	
0.25000	497.491620	-553.948484	-5.074063
48.743573	-254.813128	-4427.223	
0.50000	497.491620	-505.503171	-3.911375
48.743573	-253.718028	-4298.102	
0.75000	497.491620	-457.057859	-2.748688
48.743573	-252.906333	-4180.790	
1.00000	497.491620	-408.612546	-1.586000
48.743573	-252.378043	-4075.287	

COMB ULB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-602.393796	-11.732414
5.550849	-13.385457	-4568.152	
0.25000	497.491620	-553.948484	-10.569726
5.550849	-10.667384	-4427.223	
0.50000	497.491620	-505.503171	-9.407039
5.550849	-8.232715	-4298.102	
0.75000	497.491620	-457.057859	-8.244351
5.550849	-6.081452	-4180.790	
1.00000	497.491620	-408.612546	-7.081664
5.550849	-4.213594	-4075.287	

COMB ULB13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-602.393796	-11.732414
5.550849	-13.385457	-4568.152	
0.25000	497.491620	-553.948484	-10.569726
5.550849	-10.667384	-4427.223	
0.50000	497.491620	-505.503171	-9.407039
5.550849	-8.232715	-4298.102	
0.75000	497.491620	-457.057859	-8.244351
5.550849	-6.081452	-4180.790	
1.00000	497.491620	-408.612546	-7.081664
5.550849	-4.213594	-4075.287	

COMB ULB14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-6.236750
48.743573	-256.191634	-3677.939	
0.25000	377.910824	-561.184055	-5.074063
48.743573	-254.813128	-3535.246	
0.50000	377.910824	-512.738742	-3.911375
48.743573	-253.718028	-3404.362	
0.75000	377.910824	-464.293430	-2.748688
48.743573	-252.906333	-3285.286	
1.00000	377.910824	-415.848117	-1.586000
48.743573	-252.378043	-3178.019	

COMB ULB14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-6.236750
48.743573	-256.191634	-3677.939	
0.25000	377.910824	-561.184055	-5.074063
48.743573	-254.813128	-3535.246	
0.50000	377.910824	-512.738742	-3.911375
48.743573	-253.718028	-3404.362	
0.75000	377.910824	-464.293430	-2.748688
48.743573	-252.906333	-3285.286	
1.00000	377.910824	-415.848117	-1.586000
48.743573	-252.378043	-3178.019	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-11.732414
5.550849	-13.385457	-3677.939	
0.25000	377.910824	-561.184055	-10.569726
5.550849	-10.667384	-3535.246	
0.50000	377.910824	-512.738742	-9.407039
5.550849	-8.232715	-3404.362	
0.75000	377.910824	-464.293430	-8.244351
5.550849	-6.081452	-3285.286	
1.00000	377.910824	-415.848117	-7.081664
5.550849	-4.213594	-3178.019	

COMB ULB15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-609.629367	-11.732414
5.550849	-13.385457	-3677.939	
0.25000	377.910824	-561.184055	-10.569726
5.550849	-10.667384	-3535.246	
0.50000	377.910824	-512.738742	-9.407039
5.550849	-8.232715	-3404.362	
0.75000	377.910824	-464.293430	-8.244351
5.550849	-6.081452	-3285.286	
1.00000	377.910824	-415.848117	-7.081664
5.550849	-4.213594	-3178.019	

COMB ULB16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14
2.63E-15	3.38E-13	-2723.489	
0.75000	302.328660	-371.434744	4.45E-14
2.63E-15	3.26E-13	-2628.229	
1.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	

COMB ULB16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14
2.63E-15	3.38E-13	-2723.489	
0.75000	302.328660	-371.434744	4.45E-14
2.63E-15	3.26E-13	-2628.229	
1.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	

COMB ULB17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	7.50E-14
4.51E-15	5.89E-13	-4750.878	
0.25000	517.391285	-576.106423	6.89E-14
4.51E-15	5.71E-13	-4604.312	
0.50000	517.391285	-525.723298	6.28E-14
4.51E-15	5.55E-13	-4470.026	
0.75000	517.391285	-475.340173	5.67E-14
4.51E-15	5.41E-13	-4348.022	
1.00000	517.391285	-424.957048	5.06E-14
4.51E-15	5.28E-13	-4238.298	

COMB ULB17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-626.489548	7.50E-14
4.51E-15	5.89E-13	-4750.878	
0.25000	517.391285	-576.106423	6.89E-14
4.51E-15	5.71E-13	-4604.312	
0.50000	517.391285	-525.723298	6.28E-14
4.51E-15	5.55E-13	-4470.026	
0.75000	517.391285	-475.340173	5.67E-14
4.51E-15	5.41E-13	-4348.022	
1.00000	517.391285	-424.957048	5.06E-14
4.51E-15	5.28E-13	-4238.298	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	362.794391	-585.244192	-22.526235
10.657629	-25.700077	-3530.821	
0.25000	362.794391	-538.736692	-20.293875
10.657629	-20.481377	-3393.836	
0.50000	362.794391	-492.229192	-18.061515
10.657629	-15.806813	-3268.187	
0.75000	362.794391	-445.721692	-15.829155
10.657629	-11.676388	-3153.874	
1.00000	362.794391	-399.214192	-13.596795
10.657629	-8.090100	-3050.898	

COMB ULB18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	362.794391	-585.244192	-22.526235
10.657629	-25.700077	-3530.821	
0.25000	362.794391	-538.736692	-20.293875
10.657629	-20.481377	-3393.836	
0.50000	362.794391	-492.229192	-18.061515
10.657629	-15.806813	-3268.187	
0.75000	362.794391	-445.721692	-15.829155
10.657629	-11.676388	-3153.874	
1.00000	362.794391	-399.214192	-13.596795
10.657629	-8.090100	-3050.898	

COMB UEB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.007629	-475.258312	5.67E-14
4.43E-15	5.55E-13	-4473.518	
0.25000	508.007629	-436.502062	5.20E-14
4.43E-15	5.42E-13	-4362.397	
0.50000	508.007629	-397.745812	4.73E-14
4.43E-15	5.30E-13	-4260.723	
0.75000	508.007629	-358.989562	4.26E-14
4.43E-15	5.19E-13	-4168.496	
1.00000	508.007629	-320.233312	3.79E-14
4.43E-15	5.09E-13	-4085.716	

COMB UEB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	508.007629	-475.258312	5.67E-14
4.43E-15	5.55E-13	-4473.518	
0.25000	508.007629	-436.502062	5.20E-14
4.43E-15	5.42E-13	-4362.397	
0.50000	508.007629	-397.745812	4.73E-14
4.43E-15	5.30E-13	-4260.723	
0.75000	508.007629	-358.989562	4.26E-14
4.43E-15	5.19E-13	-4168.496	
1.00000	508.007629	-320.233312	3.79E-14
4.43E-15	5.09E-13	-4085.716	

COMB UEB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14
2.63E-15	3.38E-13	-2723.489	
0.75000	302.328660	-371.434744	4.45E-14
2.63E-15	3.26E-13	-2628.229	
1.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	

COMB UEB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14

2.63E-15 3.38E-13 -2723.489
0.75000 302.328660 -371.434744 4.45E-14
2.63E-15 3.26E-13 -2628.229
1.00000 302.328660 -332.678494 3.98E-14
2.63E-15 3.16E-13 -2542.415

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	-24.403421
11.545765	-27.841751	-2942.351	
0.25000	302.328660	-448.947244	-21.985031
11.545765	-22.188158	-2828.197	
0.50000	302.328660	-410.190994	-19.566641
11.545765	-17.124048	-2723.489	
0.75000	302.328660	-371.434744	-17.148251
11.545765	-12.649420	-2628.229	
1.00000	302.328660	-332.678494	-14.729861
11.545765	-8.764275	-2542.415	

COMB UEB03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	-24.403421
11.545765	-27.841751	-2942.351	
0.25000	302.328660	-448.947244	-21.985031
11.545765	-22.188158	-2828.197	
0.50000	302.328660	-410.190994	-19.566641
11.545765	-17.124048	-2723.489	
0.75000	302.328660	-371.434744	-17.148251
11.545765	-12.649420	-2628.229	
1.00000	302.328660	-332.678494	-14.729861
11.545765	-8.764275	-2542.415	

COMB UEB04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	-12.201711
5.772883	-13.920875	-3868.173	
0.25000	426.692687	-441.422250	-10.992516
5.772883	-11.094079	-3755.853	
0.50000	426.692687	-402.666000	-9.783321
5.772883	-8.562024	-3652.980	
0.75000	426.692687	-363.909750	-8.574126
5.772883	-6.324710	-3559.553	
1.00000	426.692687	-325.153500	-7.364931
5.772883	-4.382138	-3475.574	

COMB UEB04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	-12.201711
5.772883	-13.920875	-3868.173	
0.25000	426.692687	-441.422250	-10.992516
5.772883	-11.094079	-3755.853	
0.50000	426.692687	-402.666000	-9.783321
5.772883	-8.562024	-3652.980	
0.75000	426.692687	-363.909750	-8.574126
5.772883	-6.324710	-3559.553	
1.00000	426.692687	-325.153500	-7.364931
5.772883	-4.382138	-3475.574	

COMB UEB05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	-12.201711
5.772883	-13.920875	-2942.351	
0.25000	302.328660	-448.947244	-10.992516
5.772883	-11.094079	-2828.197	
0.50000	302.328660	-410.190994	-9.783321
5.772883	-8.562024	-2723.489	
0.75000	302.328660	-371.434744	-8.574126
5.772883	-6.324710	-2628.229	
1.00000	302.328660	-332.678494	-7.364931
5.772883	-4.382138	-2542.415	

COMB UEB05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	-12.201711
5.772883	-13.920875	-2942.351	
0.25000	302.328660	-448.947244	-10.992516
5.772883	-11.094079	-2828.197	
0.50000	302.328660	-410.190994	-9.783321
5.772883	-8.562024	-2723.489	
0.75000	302.328660	-371.434744	-8.574126
5.772883	-6.324710	-2628.229	
1.00000	302.328660	-332.678494	-7.364931
5.772883	-4.382138	-2542.415	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	5.715491
44.920434	-252.518424	-3868.173	
0.25000	426.692687	-441.422250	5.715491
44.920434	-253.911575	-3755.853	
0.50000	426.692687	-402.666000	5.715491
44.920434	-255.304725	-3652.980	
0.75000	426.692687	-363.909750	5.715491
44.920434	-256.697876	-3559.553	
1.00000	426.692687	-325.153500	5.715491
44.920434	-258.091027	-3475.574	

COMB UEB06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	5.715491
44.920434	-252.518424	-3868.173	
0.25000	426.692687	-441.422250	5.715491
44.920434	-253.911575	-3755.853	
0.50000	426.692687	-402.666000	5.715491
44.920434	-255.304725	-3652.980	
0.75000	426.692687	-363.909750	5.715491
44.920434	-256.697876	-3559.553	
1.00000	426.692687	-325.153500	5.715491
44.920434	-258.091027	-3475.574	

COMB UEB07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	5.74E-14
3.72E-15	4.80E-13	-3868.173	
0.25000	426.692687	-441.422250	5.28E-14
3.72E-15	4.66E-13	-3755.853	
0.50000	426.692687	-402.666000	4.81E-14
3.72E-15	4.54E-13	-3652.980	
0.75000	426.692687	-363.909750	4.34E-14
3.72E-15	4.43E-13	-3559.553	
1.00000	426.692687	-325.153500	3.87E-14
3.72E-15	4.33E-13	-3475.574	

COMB UEB07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	5.74E-14
3.72E-15	4.80E-13	-3868.173	
0.25000	426.692687	-441.422250	5.28E-14
3.72E-15	4.66E-13	-3755.853	
0.50000	426.692687	-402.666000	4.81E-14
3.72E-15	4.54E-13	-3652.980	
0.75000	426.692687	-363.909750	4.34E-14
3.72E-15	4.43E-13	-3559.553	
1.00000	426.692687	-325.153500	3.87E-14
3.72E-15	4.33E-13	-3475.574	

COMB UEB08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	5.715491
44.920434	-252.518424	-2942.351	
0.25000	302.328660	-448.947244	5.715491
44.920434	-253.911575	-2828.197	
0.50000	302.328660	-410.190994	5.715491
44.920434	-255.304725	-2723.489	
0.75000	302.328660	-371.434744	5.715491
44.920434	-256.697876	-2628.229	
1.00000	302.328660	-332.678494	5.715491
44.920434	-258.091027	-2542.415	

COMB UEB08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	5.715491
44.920434	-252.518424	-2942.351	
0.25000	302.328660	-448.947244	5.715491
44.920434	-253.911575	-2828.197	
0.50000	302.328660	-410.190994	5.715491
44.920434	-255.304725	-2723.489	
0.75000	302.328660	-371.434744	5.715491
44.920434	-256.697876	-2628.229	
1.00000	302.328660	-332.678494	5.715491
44.920434	-258.091027	-2542.415	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14
2.63E-15	3.38E-13	-2723.489	
0.75000	302.328660	-371.434744	4.45E-14
2.63E-15	3.26E-13	-2628.229	
1.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	

COMB UEB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14
2.63E-15	3.38E-13	-2723.489	
0.75000	302.328660	-371.434744	4.45E-14
2.63E-15	3.26E-13	-2628.229	
1.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	

COMB UEB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-17.969164
54.294422	-269.577091	-2795.234	
0.25000	287.212227	-426.499882	-15.643789
54.294422	-265.480512	-2686.787	
0.50000	287.212227	-389.681444	-13.318414
54.294422	-261.950744	-2587.315	
0.75000	287.212227	-352.863007	-10.993039
54.294422	-258.987785	-2496.817	
1.00000	287.212227	-316.044569	-8.667664
54.294422	-256.591637	-2415.294	

COMB UEB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-17.969164
54.294422	-269.577091	-2795.234	
0.25000	287.212227	-426.499882	-15.643789
54.294422	-265.480512	-2686.787	
0.50000	287.212227	-389.681444	-13.318414
54.294422	-261.950744	-2587.315	
0.75000	287.212227	-352.863007	-10.993039
54.294422	-258.987785	-2496.817	
1.00000	287.212227	-316.044569	-8.667664
54.294422	-256.591637	-2415.294	

COMB UEB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-23.464828
11.101697	-26.770914	-2795.234	
0.25000	287.212227	-426.499882	-21.139453
11.101697	-21.334767	-2686.787	
0.50000	287.212227	-389.681444	-18.814078
11.101697	-16.465431	-2587.315	
0.75000	287.212227	-352.863007	-16.488703
11.101697	-12.162904	-2496.817	
1.00000	287.212227	-316.044569	-14.163328
11.101697	-8.427188	-2415.294	

COMB UEB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-23.464828
11.101697	-26.770914	-2795.234	
0.25000	287.212227	-426.499882	-21.139453
11.101697	-21.334767	-2686.787	
0.50000	287.212227	-389.681444	-18.814078
11.101697	-16.465431	-2587.315	
0.75000	287.212227	-352.863007	-16.488703
11.101697	-12.162904	-2496.817	
1.00000	287.212227	-316.044569	-14.163328
11.101697	-8.427188	-2415.294	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-456.082748	-6.236750
48.743573	-256.191634	-3685.447	
0.25000	406.793023	-419.264311	-5.074063
48.743573	-254.813128	-3578.764	
0.50000	406.793023	-382.445873	-3.911375
48.743573	-253.718028	-3481.055	
0.75000	406.793023	-345.627436	-2.748688
48.743573	-252.906333	-3392.322	
1.00000	406.793023	-308.808998	-1.586000
48.743573	-252.378043	-3312.562	

COMB UEB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-456.082748	-6.236750
48.743573	-256.191634	-3685.447	
0.25000	406.793023	-419.264311	-5.074063
48.743573	-254.813128	-3578.764	
0.50000	406.793023	-382.445873	-3.911375
48.743573	-253.718028	-3481.055	
0.75000	406.793023	-345.627436	-2.748688
48.743573	-252.906333	-3392.322	
1.00000	406.793023	-308.808998	-1.586000
48.743573	-252.378043	-3312.562	

COMB UEB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-456.082748	-11.732414
5.550849	-13.385457	-3685.447	
0.25000	406.793023	-419.264311	-10.569726
5.550849	-10.667384	-3578.764	
0.50000	406.793023	-382.445873	-9.407039
5.550849	-8.232715	-3481.055	
0.75000	406.793023	-345.627436	-8.244351
5.550849	-6.081452	-3392.322	
1.00000	406.793023	-308.808998	-7.081664
5.550849	-4.213594	-3312.562	

COMB UEB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-456.082748	-11.732414
5.550849	-13.385457	-3685.447	
0.25000	406.793023	-419.264311	-10.569726
5.550849	-10.667384	-3578.764	
0.50000	406.793023	-382.445873	-9.407039
5.550849	-8.232715	-3481.055	
0.75000	406.793023	-345.627436	-8.244351
5.550849	-6.081452	-3392.322	
1.00000	406.793023	-308.808998	-7.081664
5.550849	-4.213594	-3312.562	

COMB UEB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-6.236750
48.743573	-256.191634	-2795.234	
0.25000	287.212227	-426.499882	-5.074063
48.743573	-254.813128	-2686.787	
0.50000	287.212227	-389.681444	-3.911375
48.743573	-253.718028	-2587.315	
0.75000	287.212227	-352.863007	-2.748688
48.743573	-252.906333	-2496.817	
1.00000	287.212227	-316.044569	-1.586000
48.743573	-252.378043	-2415.294	

COMB UEB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-6.236750
48.743573	-256.191634	-2795.234	
0.25000	287.212227	-426.499882	-5.074063
48.743573	-254.813128	-2686.787	
0.50000	287.212227	-389.681444	-3.911375
48.743573	-253.718028	-2587.315	
0.75000	287.212227	-352.863007	-2.748688
48.743573	-252.906333	-2496.817	
1.00000	287.212227	-316.044569	-1.586000
48.743573	-252.378043	-2415.294	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-11.732414
5.550849	-13.385457	-2795.234	
0.25000	287.212227	-426.499882	-10.569726
5.550849	-10.667384	-2686.787	
0.50000	287.212227	-389.681444	-9.407039
5.550849	-8.232715	-2587.315	
0.75000	287.212227	-352.863007	-8.244351
5.550849	-6.081452	-2496.817	
1.00000	287.212227	-316.044569	-7.081664
5.550849	-4.213594	-2415.294	

COMB UEB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-463.318319	-11.732414
5.550849	-13.385457	-2795.234	
0.25000	287.212227	-426.499882	-10.569726
5.550849	-10.667384	-2686.787	
0.50000	287.212227	-389.681444	-9.407039
5.550849	-8.232715	-2587.315	
0.75000	287.212227	-352.863007	-8.244351
5.550849	-6.081452	-2496.817	
1.00000	287.212227	-316.044569	-7.081664
5.550849	-4.213594	-2415.294	

COMB UEB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14
2.63E-15	3.38E-13	-2723.489	
0.75000	302.328660	-371.434744	4.45E-14
2.63E-15	3.26E-13	-2628.229	
1.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	

COMB UEB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-487.703494	5.86E-14
2.63E-15	3.64E-13	-2942.351	
0.25000	302.328660	-448.947244	5.39E-14
2.63E-15	3.50E-13	-2828.197	
0.50000	302.328660	-410.190994	4.92E-14
2.63E-15	3.38E-13	-2723.489	
0.75000	302.328660	-371.434744	4.45E-14
2.63E-15	3.26E-13	-2628.229	
1.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	

COMB UEB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	5.74E-14
3.72E-15	4.80E-13	-3868.173	
0.25000	426.692687	-441.422250	5.28E-14
3.72E-15	4.66E-13	-3755.853	
0.50000	426.692687	-402.666000	4.81E-14
3.72E-15	4.54E-13	-3652.980	
0.75000	426.692687	-363.909750	4.34E-14
3.72E-15	4.43E-13	-3559.553	
1.00000	426.692687	-325.153500	3.87E-14
3.72E-15	4.33E-13	-3475.574	

COMB UEB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-480.178500	5.74E-14
3.72E-15	4.80E-13	-3868.173	
0.25000	426.692687	-441.422250	5.28E-14
3.72E-15	4.66E-13	-3755.853	
0.50000	426.692687	-402.666000	4.81E-14
3.72E-15	4.54E-13	-3652.980	
0.75000	426.692687	-363.909750	4.34E-14
3.72E-15	4.43E-13	-3559.553	
1.00000	426.692687	-325.153500	3.87E-14
3.72E-15	4.33E-13	-3475.574	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	272.095794	-438.933144	-22.526235
10.657629	-25.700077	-2648.116	
0.25000	272.095794	-404.052519	-20.293875
10.657629	-20.481377	-2545.377	
0.50000	272.095794	-369.171894	-18.061515
10.657629	-15.806813	-2451.140	
0.75000	272.095794	-334.291269	-15.829155
10.657629	-11.676388	-2365.406	
1.00000	272.095794	-299.410644	-13.596795
10.657629	-8.090100	-2288.173	

COMB UEB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	272.095794	-438.933144	-22.526235
10.657629	-25.700077	-2648.116	
0.25000	272.095794	-404.052519	-20.293875
10.657629	-20.481377	-2545.377	
0.50000	272.095794	-369.171894	-18.061515
10.657629	-15.806813	-2451.140	
0.75000	272.095794	-334.291269	-15.829155
10.657629	-11.676388	-2365.406	
1.00000	272.095794	-299.410644	-13.596795
10.657629	-8.090100	-2288.173	

COMB SVO01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-481.346924	5.76E-14
3.47E-15	4.53E-13	-3652.767	
0.25000	398.007311	-442.590674	5.29E-14
3.47E-15	4.39E-13	-3540.162	
0.50000	398.007311	-403.834424	4.82E-14
3.47E-15	4.27E-13	-3437.004	
0.75000	398.007311	-365.078174	4.36E-14
3.47E-15	4.16E-13	-3343.292	
1.00000	398.007311	-326.321924	3.89E-14
3.47E-15	4.06E-13	-3259.028	

COMB SVO01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-481.346924	5.76E-14
3.47E-15	4.53E-13	-3652.767	
0.25000	398.007311	-442.590674	5.29E-14
3.47E-15	4.39E-13	-3540.162	
0.50000	398.007311	-403.834424	4.82E-14
3.47E-15	4.27E-13	-3437.004	
0.75000	398.007311	-365.078174	4.36E-14
3.47E-15	4.16E-13	-3343.292	
1.00000	398.007311	-326.321924	3.89E-14
3.47E-15	4.06E-13	-3259.028	

COMB SVO02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

COMB SVO02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

FRAME ELEMENT INTERNAL FORCES

COMB SVO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	600.178371	-7.36E-14
4.58E-15	-3.98E-14	413.270510	
0.25000	316.712455	638.934621	-7.82E-14
4.58E-15	-2.13E-14	262.253614	
0.50000	316.712455	677.690871	-8.29E-14
4.58E-15	-1.70E-15	101.789882	
0.75000	316.712455	716.447121	-8.76E-14
4.58E-15	1.91E-14	-68.120686	
1.00000	316.712455	755.203371	-9.23E-14
4.58E-15	4.10E-14	-247.478089	

COMB SVO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	600.178371	-7.36E-14
4.58E-15	-3.98E-14	413.270510	
0.25000	316.712455	638.934621	-7.82E-14
4.58E-15	-2.13E-14	262.253614	
0.50000	316.712455	677.690871	-8.29E-14
4.58E-15	-1.70E-15	101.789882	
0.75000	316.712455	716.447121	-8.76E-14
4.58E-15	1.91E-14	-68.120686	
1.00000	316.712455	755.203371	-9.23E-14
4.58E-15	4.10E-14	-247.478089	

COMB SVO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	208.271892	-2.61E-14
4.71E-15	1.97E-13	-1524.884	
0.25000	408.792913	247.028142	-3.08E-14
4.71E-15	2.03E-13	-1580.374	
0.50000	408.792913	285.784392	-3.55E-14
4.71E-15	2.12E-13	-1645.311	
0.75000	408.792913	324.540642	-4.02E-14
4.71E-15	2.21E-13	-1719.694	
1.00000	408.792913	363.296892	-4.49E-14
4.71E-15	2.31E-13	-1803.524	

COMB SVO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	208.271892	-2.61E-14
4.71E-15	1.97E-13	-1524.884	
0.25000	408.792913	247.028142	-3.08E-14
4.71E-15	2.03E-13	-1580.374	
0.50000	408.792913	285.784392	-3.55E-14
4.71E-15	2.12E-13	-1645.311	
0.75000	408.792913	324.540642	-4.02E-14
4.71E-15	2.21E-13	-1719.694	
1.00000	408.792913	363.296892	-4.49E-14
4.71E-15	2.31E-13	-1803.524	

COMB SVO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	202.483435	-2.53E-14
3.87E-15	1.08E-13	-812.713802	
0.25000	313.128276	241.239685	-2.99E-14
3.87E-15	1.14E-13	-866.792558	
0.50000	313.128276	279.995935	-3.46E-14
3.87E-15	1.22E-13	-930.318149	
0.75000	313.128276	318.752185	-3.93E-14
3.87E-15	1.31E-13	-1003.291	
1.00000	313.128276	357.508435	-4.40E-14
3.87E-15	1.42E-13	-1085.710	

COMB SVO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	202.483435	-2.53E-14
3.87E-15	1.08E-13	-812.713802	
0.25000	313.128276	241.239685	-2.99E-14
3.87E-15	1.14E-13	-866.792558	
0.50000	313.128276	279.995935	-3.46E-14
3.87E-15	1.22E-13	-930.318149	
0.75000	313.128276	318.752185	-3.93E-14
3.87E-15	1.31E-13	-1003.291	
1.00000	313.128276	357.508435	-4.40E-14
3.87E-15	1.42E-13	-1085.710	

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COMB SVO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	330.618468	-483.911662	5.79E-14
3.88E-15	4.99E-13	-4024.871	
0.25000	330.618468	-445.155412	5.32E-14
3.88E-15	4.85E-13	-3911.641	
0.50000	330.618468	-406.399162	4.85E-14
3.88E-15	4.73E-13	-3807.858	
0.75000	330.618468	-367.642912	4.38E-14
3.88E-15	4.62E-13	-3713.521	
1.00000	330.618468	-328.886662	3.91E-14
3.88E-15	4.52E-13	-3628.632	

COMB SVO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	330.618468	-483.911662	5.79E-14
3.88E-15	4.99E-13	-4024.871	
0.25000	330.618468	-445.155412	5.32E-14
3.88E-15	4.85E-13	-3911.641	
0.50000	330.618468	-406.399162	4.85E-14
3.88E-15	4.73E-13	-3807.858	
0.75000	330.618468	-367.642912	4.38E-14
3.88E-15	4.62E-13	-3713.521	
1.00000	330.618468	-328.886662	3.91E-14
3.88E-15	4.52E-13	-3628.632	

COMB SVO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-481.346924	5.76E-14
3.47E-15	4.53E-13	-3652.767	
0.25000	398.007311	-442.590674	5.29E-14
3.47E-15	4.39E-13	-3540.162	
0.50000	398.007311	-403.834424	4.82E-14
3.47E-15	4.27E-13	-3437.004	
0.75000	398.007311	-365.078174	4.36E-14
3.47E-15	4.16E-13	-3343.292	
1.00000	398.007311	-326.321924	3.89E-14
3.47E-15	4.06E-13	-3259.028	

COMB SVO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-481.346924	5.76E-14
3.47E-15	4.53E-13	-3652.767	
0.25000	398.007311	-442.590674	5.29E-14
3.47E-15	4.39E-13	-3540.162	
0.50000	398.007311	-403.834424	4.82E-14
3.47E-15	4.27E-13	-3437.004	
0.75000	398.007311	-365.078174	4.36E-14
3.47E-15	4.16E-13	-3343.292	
1.00000	398.007311	-326.321924	3.89E-14
3.47E-15	4.06E-13	-3259.028	

COMB SVO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	-489.700119	5.87E-14
3.04E-15	4.10E-13	-3312.700	
0.25000	234.953831	-450.943869	5.40E-14
3.04E-15	3.96E-13	-3198.059	
0.50000	234.953831	-412.187619	4.93E-14
3.04E-15	3.84E-13	-3092.865	
0.75000	234.953831	-373.431369	4.46E-14
3.04E-15	3.72E-13	-2997.118	
1.00000	234.953831	-334.675119	4.00E-14
3.04E-15	3.62E-13	-2910.817	

COMB SVO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	-489.700119	5.87E-14
3.04E-15	4.10E-13	-3312.700	
0.25000	234.953831	-450.943869	5.40E-14
3.04E-15	3.96E-13	-3198.059	
0.50000	234.953831	-412.187619	4.93E-14
3.04E-15	3.84E-13	-3092.865	
0.75000	234.953831	-373.431369	4.46E-14
3.04E-15	3.72E-13	-2997.118	
1.00000	234.953831	-334.675119	4.00E-14
3.04E-15	3.62E-13	-2910.817	

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COMB SVO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

COMB SVO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

COMB SVO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	597.613633	-7.33E-14
4.99E-15	6.49E-15	41.166065	
0.25000	249.323611	636.369883	-7.80E-14
4.99E-15	2.49E-14	-109.225676	
0.50000	249.323611	675.126133	-8.27E-14
4.99E-15	4.45E-14	-269.064253	
0.75000	249.323611	713.882383	-8.74E-14
4.99E-15	6.53E-14	-438.349665	
1.00000	249.323611	752.638633	-9.21E-14
4.99E-15	8.71E-14	-617.081914	

COMB SVO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	597.613633	-7.33E-14
4.99E-15	6.49E-15	41.166065	
0.25000	249.323611	636.369883	-7.80E-14
4.99E-15	2.49E-14	-109.225676	
0.50000	249.323611	675.126133	-8.27E-14
4.99E-15	4.45E-14	-269.064253	
0.75000	249.323611	713.882383	-8.74E-14
4.99E-15	6.53E-14	-438.349665	
1.00000	249.323611	752.638633	-9.21E-14
4.99E-15	8.71E-14	-617.081914	

COMB SVO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	600.178371	-7.36E-14
4.58E-15	-3.98E-14	413.270510	
0.25000	316.712455	638.934621	-7.82E-14
4.58E-15	-2.13E-14	262.253614	
0.50000	316.712455	677.690871	-8.29E-14
4.58E-15	-1.70E-15	101.789882	
0.75000	316.712455	716.447121	-8.76E-14
4.58E-15	1.91E-14	-68.120686	
1.00000	316.712455	755.203371	-9.23E-14
4.58E-15	4.10E-14	-247.478089	

COMB SVO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	600.178371	-7.36E-14
4.58E-15	-3.98E-14	413.270510	
0.25000	316.712455	638.934621	-7.82E-14
4.58E-15	-2.13E-14	262.253614	
0.50000	316.712455	677.690871	-8.29E-14
4.58E-15	-1.70E-15	101.789882	
0.75000	316.712455	716.447121	-8.76E-14
4.58E-15	1.91E-14	-68.120686	
1.00000	316.712455	755.203371	-9.23E-14
4.58E-15	4.10E-14	-247.478089	

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COMB SVO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	205.707153	-2.59E-14
5.12E-15	2.43E-13	-1896.989	
0.25000	341.404070	244.463403	-3.06E-14
5.12E-15	2.50E-13	-1951.853	
0.50000	341.404070	283.219653	-3.53E-14
5.12E-15	2.58E-13	-2016.165	
0.75000	341.404070	321.975903	-4.00E-14
5.12E-15	2.67E-13	-2089.923	
1.00000	341.404070	360.732153	-4.47E-14
5.12E-15	2.77E-13	-2173.128	

COMB SVO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	205.707153	-2.59E-14
5.12E-15	2.43E-13	-1896.989	
0.25000	341.404070	244.463403	-3.06E-14
5.12E-15	2.50E-13	-1951.853	
0.50000	341.404070	283.219653	-3.53E-14
5.12E-15	2.58E-13	-2016.165	
0.75000	341.404070	321.975903	-4.00E-14
5.12E-15	2.67E-13	-2089.923	
1.00000	341.404070	360.732153	-4.47E-14
5.12E-15	2.77E-13	-2173.128	

COMB SVO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	208.271892	-2.61E-14
4.71E-15	1.97E-13	-1524.884	
0.25000	408.792913	247.028142	-3.08E-14
4.71E-15	2.03E-13	-1580.374	
0.50000	408.792913	285.784392	-3.55E-14
4.71E-15	2.12E-13	-1645.311	
0.75000	408.792913	324.540642	-4.02E-14
4.71E-15	2.21E-13	-1719.694	
1.00000	408.792913	363.296892	-4.49E-14
4.71E-15	2.31E-13	-1803.524	

COMB SVO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	208.271892	-2.61E-14
4.71E-15	1.97E-13	-1524.884	
0.25000	408.792913	247.028142	-3.08E-14
4.71E-15	2.03E-13	-1580.374	
0.50000	408.792913	285.784392	-3.55E-14
4.71E-15	2.12E-13	-1645.311	
0.75000	408.792913	324.540642	-4.02E-14
4.71E-15	2.21E-13	-1719.694	
1.00000	408.792913	363.296892	-4.49E-14
4.71E-15	2.31E-13	-1803.524	

COMB SVO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	199.918697	-2.50E-14
4.28E-15	1.54E-13	-1184.818	
0.25000	245.739433	238.674947	-2.97E-14
4.28E-15	1.61E-13	-1238.272	
0.50000	245.739433	277.431197	-3.44E-14
4.28E-15	1.69E-13	-1301.172	
0.75000	245.739433	316.187447	-3.91E-14
4.28E-15	1.78E-13	-1373.520	
1.00000	245.739433	354.943697	-4.38E-14
4.28E-15	1.88E-13	-1455.314	

COMB SVO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	199.918697	-2.50E-14
4.28E-15	1.54E-13	-1184.818	
0.25000	245.739433	238.674947	-2.97E-14
4.28E-15	1.61E-13	-1238.272	
0.50000	245.739433	277.431197	-3.44E-14
4.28E-15	1.69E-13	-1301.172	
0.75000	245.739433	316.187447	-3.91E-14
4.28E-15	1.78E-13	-1373.520	
1.00000	245.739433	354.943697	-4.38E-14
4.28E-15	1.88E-13	-1455.314	

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COMB SVO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	202.483435	-2.53E-14
3.87E-15	1.08E-13	-812.713802	
0.25000	313.128276	241.239685	-2.99E-14
3.87E-15	1.14E-13	-866.792558	
0.50000	313.128276	279.995935	-3.46E-14
3.87E-15	1.22E-13	-930.318149	
0.75000	313.128276	318.752185	-3.93E-14
3.87E-15	1.31E-13	-1003.291	
1.00000	313.128276	357.508435	-4.40E-14
3.87E-15	1.42E-13	-1085.710	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	202.483435	-2.53E-14
3.87E-15	1.08E-13	-812.713802	
0.25000	313.128276	241.239685	-2.99E-14
3.87E-15	1.14E-13	-866.792558	
0.50000	313.128276	279.995935	-3.46E-14
3.87E-15	1.22E-13	-930.318149	
0.75000	313.128276	318.752185	-3.93E-14
3.87E-15	1.31E-13	-1003.291	
1.00000	313.128276	357.508435	-4.40E-14
3.87E-15	1.42E-13	-1085.710	

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-620.830813	7.42E-14
5.22E-15	6.64E-13	-5353.942	
0.25000	598.724446	-570.447688	6.81E-14
5.22E-15	6.47E-13	-5208.754	
0.50000	598.724446	-520.064563	6.20E-14
5.22E-15	6.31E-13	-5075.848	
0.75000	598.724446	-469.681438	5.59E-14
5.22E-15	6.16E-13	-4955.223	
1.00000	598.724446	-419.298313	4.98E-14
5.22E-15	6.04E-13	-4846.879	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-620.830813	7.42E-14
5.22E-15	6.64E-13	-5353.942	
0.25000	598.724446	-570.447688	6.81E-14
5.22E-15	6.47E-13	-5208.754	
0.50000	598.724446	-520.064563	6.20E-14
5.22E-15	6.31E-13	-5075.848	
0.75000	598.724446	-469.681438	5.59E-14
5.22E-15	6.16E-13	-4955.223	
1.00000	598.724446	-419.298313	4.98E-14
5.22E-15	6.04E-13	-4846.879	

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-633.275995	7.60E-14
3.41E-15	4.73E-13	-3822.775	
0.25000	393.045476	-582.892870	6.99E-14
3.41E-15	4.55E-13	-3674.554	
0.50000	393.045476	-532.509745	6.38E-14
3.41E-15	4.39E-13	-3538.614	
0.75000	393.045476	-482.126620	5.77E-14
3.41E-15	4.24E-13	-3414.956	
1.00000	393.045476	-431.743495	5.16E-14
3.41E-15	4.11E-13	-3303.578	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-633.275995	7.60E-14
3.41E-15	4.73E-13	-3822.775	
0.25000	393.045476	-582.892870	6.99E-14
3.41E-15	4.55E-13	-3674.554	
0.50000	393.045476	-532.509745	6.38E-14
3.41E-15	4.39E-13	-3538.614	
0.75000	393.045476	-482.126620	5.77E-14
3.41E-15	4.24E-13	-3414.956	
1.00000	393.045476	-431.743495	5.16E-14
3.41E-15	4.11E-13	-3303.578	

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COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	780.231883	-9.56E-14
5.96E-15	-5.18E-14	537.251663	
0.25000	411.726191	830.615008	-1.02E-13
5.96E-15	-2.77E-14	340.929698	
0.50000	411.726191	880.998133	-1.08E-13
5.96E-15	-2.21E-15	132.326847	
0.75000	411.726191	931.381258	-1.14E-13
5.96E-15	2.48E-14	-88.556891	
1.00000	411.726191	981.764383	-1.20E-13
5.96E-15	5.33E-14	-321.721516	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	780.231883	-9.56E-14
5.96E-15	-5.18E-14	537.251663	
0.25000	411.726191	830.615008	-1.02E-13
5.96E-15	-2.77E-14	340.929698	
0.50000	411.726191	880.998133	-1.08E-13
5.96E-15	-2.21E-15	132.326847	
0.75000	411.726191	931.381258	-1.14E-13
5.96E-15	2.48E-14	-88.556891	
1.00000	411.726191	981.764383	-1.20E-13
5.96E-15	5.33E-14	-321.721516	

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	270.753459	-3.39E-14
6.12E-15	2.55E-13	-1982.350	
0.25000	531.430787	321.136584	-4.01E-14
6.12E-15	2.65E-13	-2054.486	
0.50000	531.430787	371.519709	-4.62E-14
6.12E-15	2.75E-13	-2138.904	
0.75000	531.430787	421.902834	-5.23E-14
6.12E-15	2.87E-13	-2235.602	
1.00000	531.430787	472.285959	-5.84E-14
6.12E-15	3.00E-13	-2344.581	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	270.753459	-3.39E-14
6.12E-15	2.55E-13	-1982.350	
0.25000	531.430787	321.136584	-4.01E-14
6.12E-15	2.65E-13	-2054.486	
0.50000	531.430787	371.519709	-4.62E-14
6.12E-15	2.75E-13	-2138.904	
0.75000	531.430787	421.902834	-5.23E-14
6.12E-15	2.87E-13	-2235.602	
1.00000	531.430787	472.285959	-5.84E-14
6.12E-15	3.00E-13	-2344.581	

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	263.228466	-3.28E-14
5.03E-15	1.40E-13	-1056.528	
0.25000	407.066759	313.611591	-3.89E-14
5.03E-15	1.49E-13	-1126.830	
0.50000	407.066759	363.994716	-4.50E-14
5.03E-15	1.59E-13	-1209.414	
0.75000	407.066759	414.377841	-5.11E-14
5.03E-15	1.71E-13	-1304.278	
1.00000	407.066759	464.760966	-5.72E-14
5.03E-15	1.84E-13	-1411.423	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	263.228466	-3.28E-14
5.03E-15	1.40E-13	-1056.528	
0.25000	407.066759	313.611591	-3.89E-14
5.03E-15	1.49E-13	-1126.830	
0.50000	407.066759	363.994716	-4.50E-14
5.03E-15	1.59E-13	-1209.414	
0.75000	407.066759	414.377841	-5.11E-14
5.03E-15	1.71E-13	-1304.278	
1.00000	407.066759	464.760966	-5.72E-14
5.03E-15	1.84E-13	-1411.423	

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COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	-629.085161	7.52E-14

5.04E-15 6.49E-13 -5232.332
0.25000 429.804008 -578.702036 6.91E-14
5.04E-15 6.31E-13 -5085.133
0.50000 429.804008 -528.318911 6.30E-14
5.04E-15 6.15E-13 -4950.215
0.75000 429.804008 -477.935786 5.69E-14
5.04E-15 6.00E-13 -4827.578
1.00000 429.804008 -427.552661 5.08E-14
5.04E-15 5.87E-13 -4717.221

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	-629.085161	7.52E-14
5.04E-15	6.49E-13	-5232.332	
0.25000	429.804008	-578.702036	6.91E-14
5.04E-15	6.31E-13	-5085.133	
0.50000	429.804008	-528.318911	6.30E-14
5.04E-15	6.15E-13	-4950.215	
0.75000	429.804008	-477.935786	5.69E-14
5.04E-15	6.00E-13	-4827.578	
1.00000	429.804008	-427.552661	5.08E-14
5.04E-15	5.87E-13	-4717.221	

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-625.751001	7.49E-14
4.51E-15	5.88E-13	-4748.597	
0.25000	517.409504	-575.367876	6.88E-14
4.51E-15	5.71E-13	-4602.210	
0.50000	517.409504	-524.984751	6.27E-14
4.51E-15	5.55E-13	-4468.105	
0.75000	517.409504	-474.601626	5.66E-14
4.51E-15	5.40E-13	-4346.280	
1.00000	517.409504	-424.218501	5.05E-14
4.51E-15	5.27E-13	-4236.736	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-625.751001	7.49E-14
4.51E-15	5.88E-13	-4748.597	
0.25000	517.409504	-575.367876	6.88E-14
4.51E-15	5.71E-13	-4602.210	
0.50000	517.409504	-524.984751	6.27E-14
4.51E-15	5.55E-13	-4468.105	
0.75000	517.409504	-474.601626	5.66E-14
4.51E-15	5.40E-13	-4346.280	
1.00000	517.409504	-424.218501	5.05E-14
4.51E-15	5.27E-13	-4236.736	

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	-636.610155	7.63E-14
3.95E-15	5.33E-13	-4306.510	
0.25000	305.439980	-586.227030	7.02E-14
3.95E-15	5.15E-13	-4157.477	
0.50000	305.439980	-535.843905	6.41E-14
3.95E-15	4.99E-13	-4020.725	
0.75000	305.439980	-485.460780	5.80E-14
3.95E-15	4.84E-13	-3896.253	
1.00000	305.439980	-435.077655	5.19E-14
3.95E-15	4.71E-13	-3784.063	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	-636.610155	7.63E-14
3.95E-15	5.33E-13	-4306.510	
0.25000	305.439980	-586.227030	7.02E-14
3.95E-15	5.15E-13	-4157.477	
0.50000	305.439980	-535.843905	6.41E-14
3.95E-15	4.99E-13	-4020.725	
0.75000	305.439980	-485.460780	5.80E-14
3.95E-15	4.84E-13	-3896.253	
1.00000	305.439980	-435.077655	5.19E-14
3.95E-15	4.71E-13	-3784.063	

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COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-633.275995	7.60E-14
3.41E-15	4.73E-13	-3822.775	
0.25000	393.045476	-582.892870	6.99E-14
3.41E-15	4.55E-13	-3674.554	
0.50000	393.045476	-532.509745	6.38E-14
3.41E-15	4.39E-13	-3538.614	
0.75000	393.045476	-482.126620	5.77E-14
3.41E-15	4.24E-13	-3414.956	
1.00000	393.045476	-431.743495	5.16E-14
3.41E-15	4.11E-13	-3303.578	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-633.275995	7.60E-14
3.41E-15	4.73E-13	-3822.775	
0.25000	393.045476	-582.892870	6.99E-14
3.41E-15	4.55E-13	-3674.554	
0.50000	393.045476	-532.509745	6.38E-14
3.41E-15	4.39E-13	-3538.614	
0.75000	393.045476	-482.126620	5.77E-14
3.41E-15	4.24E-13	-3414.956	
1.00000	393.045476	-431.743495	5.16E-14
3.41E-15	4.11E-13	-3303.578	

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	747.017041	-9.17E-14
6.24E-15	8.11E-15	51.457582	
0.25000	311.654514	795.462353	-9.75E-14
6.24E-15	3.12E-14	-136.532095	
0.50000	311.654514	843.907666	-1.03E-13
6.24E-15	5.56E-14	-336.330316	
0.75000	311.654514	892.352978	-1.09E-13
6.24E-15	8.16E-14	-547.937082	
1.00000	311.654514	940.798291	-1.15E-13
6.24E-15	1.09E-13	-771.352393	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	747.017041	-9.17E-14
6.24E-15	8.11E-15	51.457582	
0.25000	311.654514	795.462353	-9.75E-14
6.24E-15	3.12E-14	-136.532095	
0.50000	311.654514	843.907666	-1.03E-13
6.24E-15	5.56E-14	-336.330316	
0.75000	311.654514	892.352978	-1.09E-13
6.24E-15	8.16E-14	-547.937082	
1.00000	311.654514	940.798291	-1.15E-13
6.24E-15	1.09E-13	-771.352393	

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	750.222964	-9.19E-14
5.73E-15	-4.98E-14	516.588137	
0.25000	395.890568	798.668276	-9.78E-14
5.73E-15	-2.67E-14	327.817017	
0.50000	395.890568	847.113589	-1.04E-13
5.73E-15	-2.12E-15	127.237353	
0.75000	395.890568	895.558901	-1.10E-13
5.73E-15	2.39E-14	-85.150857	
1.00000	395.890568	944.004214	-1.15E-13
5.73E-15	5.13E-14	-309.347612	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	750.222964	-9.19E-14
5.73E-15	-4.98E-14	516.588137	
0.25000	395.890568	798.668276	-9.78E-14
5.73E-15	-2.67E-14	327.817017	
0.50000	395.890568	847.113589	-1.04E-13
5.73E-15	-2.12E-15	127.237353	
0.75000	395.890568	895.558901	-1.10E-13
5.73E-15	2.39E-14	-85.150857	
1.00000	395.890568	944.004214	-1.15E-13
5.73E-15	5.13E-14	-309.347612	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	257.133942	-3.24E-14
6.40E-15	3.04E-13	-2371.236	
0.25000	426.755087	305.579254	-3.82E-14
6.40E-15	3.12E-13	-2439.817	
0.50000	426.755087	354.024567	-4.41E-14
6.40E-15	3.22E-13	-2520.206	
0.75000	426.755087	402.469879	-5.00E-14
6.40E-15	3.34E-13	-2612.404	
1.00000	426.755087	450.915192	-5.58E-14
6.40E-15	3.47E-13	-2716.410	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	257.133942	-3.24E-14
6.40E-15	3.04E-13	-2371.236	
0.25000	426.755087	305.579254	-3.82E-14
6.40E-15	3.12E-13	-2439.817	
0.50000	426.755087	354.024567	-4.41E-14
6.40E-15	3.22E-13	-2520.206	
0.75000	426.755087	402.469879	-5.00E-14
6.40E-15	3.34E-13	-2612.404	
1.00000	426.755087	450.915192	-5.58E-14
6.40E-15	3.47E-13	-2716.410	

COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	260.339865	-3.26E-14
5.88E-15	2.46E-13	-1906.106	
0.25000	510.991141	308.785177	-3.85E-14
5.88E-15	2.54E-13	-1975.468	
0.50000	510.991141	357.230490	-4.44E-14
5.88E-15	2.64E-13	-2056.638	
0.75000	510.991141	405.675802	-5.02E-14
5.88E-15	2.76E-13	-2149.618	
1.00000	510.991141	454.121115	-5.61E-14
5.88E-15	2.89E-13	-2254.405	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	260.339865	-3.26E-14
5.88E-15	2.46E-13	-1906.106	
0.25000	510.991141	308.785177	-3.85E-14
5.88E-15	2.54E-13	-1975.468	
0.50000	510.991141	357.230490	-4.44E-14
5.88E-15	2.64E-13	-2056.638	
0.75000	510.991141	405.675802	-5.02E-14
5.88E-15	2.76E-13	-2149.618	
1.00000	510.991141	454.121115	-5.61E-14
5.88E-15	2.89E-13	-2254.405	

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	307.174291	249.898371	-3.13E-14
5.34E-15	1.93E-13	-1481.023	
0.25000	307.174291	298.343683	-3.71E-14
5.34E-15	2.01E-13	-1547.840	
0.50000	307.174291	346.788996	-4.30E-14
5.34E-15	2.11E-13	-1626.465	
0.75000	307.174291	395.234308	-4.89E-14
5.34E-15	2.22E-13	-1716.899	
1.00000	307.174291	443.679621	-5.47E-14
5.34E-15	2.35E-13	-1819.142	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	307.174291	249.898371	-3.13E-14
5.34E-15	1.93E-13	-1481.023	
0.25000	307.174291	298.343683	-3.71E-14
5.34E-15	2.01E-13	-1547.840	
0.50000	307.174291	346.788996	-4.30E-14
5.34E-15	2.11E-13	-1626.465	
0.75000	307.174291	395.234308	-4.89E-14
5.34E-15	2.22E-13	-1716.899	
1.00000	307.174291	443.679621	-5.47E-14
5.34E-15	2.35E-13	-1819.142	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	253.104294	-3.16E-14
4.83E-15	1.35E-13	-1015.892	
0.25000	391.410345	301.549606	-3.74E-14
4.83E-15	1.43E-13	-1083.491	
0.50000	391.410345	349.994919	-4.33E-14
4.83E-15	1.53E-13	-1162.898	
0.75000	391.410345	398.440231	-4.92E-14
4.83E-15	1.64E-13	-1254.113	
1.00000	391.410345	446.885544	-5.50E-14
4.83E-15	1.77E-13	-1357.137	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	253.104294	-3.16E-14
4.83E-15	1.35E-13	-1015.892	
0.25000	391.410345	301.549606	-3.74E-14
4.83E-15	1.43E-13	-1083.491	
0.50000	391.410345	349.994919	-4.33E-14
4.83E-15	1.53E-13	-1162.898	
0.75000	391.410345	398.440231	-4.92E-14
4.83E-15	1.64E-13	-1254.113	
1.00000	391.410345	446.885544	-5.50E-14
4.83E-15	1.77E-13	-1357.137	

COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-625.751001	7.49E-14
4.51E-15	5.88E-13	-4748.597	
0.25000	517.409504	-575.367876	6.88E-14
4.51E-15	5.71E-13	-4602.210	
0.50000	517.409504	-524.984751	6.27E-14
4.51E-15	5.55E-13	-4468.105	
0.75000	517.409504	-474.601626	5.66E-14
4.51E-15	5.40E-13	-4346.280	
1.00000	517.409504	-424.218501	5.05E-14
4.51E-15	5.27E-13	-4236.736	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-625.751001	7.49E-14
4.51E-15	5.88E-13	-4748.597	
0.25000	517.409504	-575.367876	6.88E-14
4.51E-15	5.71E-13	-4602.210	
0.50000	517.409504	-524.984751	6.27E-14
4.51E-15	5.55E-13	-4468.105	
0.75000	517.409504	-474.601626	5.66E-14
4.51E-15	5.40E-13	-4346.280	
1.00000	517.409504	-424.218501	5.05E-14
4.51E-15	5.27E-13	-4236.736	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	720.214045	-8.83E-14
5.50E-15	-4.78E-14	495.924612	
0.25000	380.054946	766.721545	-9.39E-14
5.50E-15	-2.56E-14	314.704337	
0.50000	380.054946	813.229045	-9.95E-14
5.50E-15	-2.04E-15	122.147859	
0.75000	380.054946	859.736545	-1.05E-13
5.50E-15	2.29E-14	-81.744823	
1.00000	380.054946	906.244045	-1.11E-13
5.50E-15	4.92E-14	-296.973707	

COMB ULO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	720.214045	-8.83E-14
5.50E-15	-4.78E-14	495.924612	
0.25000	380.054946	766.721545	-9.39E-14
5.50E-15	-2.56E-14	314.704337	
0.50000	380.054946	813.229045	-9.95E-14
5.50E-15	-2.04E-15	122.147859	
0.75000	380.054946	859.736545	-1.05E-13
5.50E-15	2.29E-14	-81.744823	
1.00000	380.054946	906.244045	-1.11E-13
5.50E-15	4.92E-14	-296.973707	

COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-474.519765	5.66E-14
4.43E-15	5.55E-13	-4471.236	
0.25000	508.025848	-435.763515	5.19E-14
4.43E-15	5.42E-13	-4360.295	
0.50000	508.025848	-397.007265	4.72E-14
4.43E-15	5.29E-13	-4258.801	
0.75000	508.025848	-358.251015	4.25E-14
4.43E-15	5.18E-13	-4166.754	
1.00000	508.025848	-319.494765	3.79E-14
4.43E-15	5.09E-13	-4084.154	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-474.519765	5.66E-14
4.43E-15	5.55E-13	-4471.236	
0.25000	508.025848	-435.763515	5.19E-14
4.43E-15	5.42E-13	-4360.295	
0.50000	508.025848	-397.007265	4.72E-14
4.43E-15	5.29E-13	-4258.801	
0.75000	508.025848	-358.251015	4.25E-14
4.43E-15	5.18E-13	-4166.754	
1.00000	508.025848	-319.494765	3.79E-14
4.43E-15	5.09E-13	-4084.154	

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-486.964947	5.85E-14
2.63E-15	3.64E-13	-2940.069	
0.25000	302.346879	-448.208697	5.38E-14
2.63E-15	3.50E-13	-2826.095	
0.50000	302.346879	-409.452447	4.91E-14
2.63E-15	3.38E-13	-2721.568	
0.75000	302.346879	-370.696197	4.44E-14
2.63E-15	3.26E-13	-2626.487	
1.00000	302.346879	-331.939947	3.97E-14
2.63E-15	3.16E-13	-2540.853	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-486.964947	5.85E-14
2.63E-15	3.64E-13	-2940.069	
0.25000	302.346879	-448.208697	5.38E-14
2.63E-15	3.50E-13	-2826.095	
0.50000	302.346879	-409.452447	4.91E-14
2.63E-15	3.38E-13	-2721.568	
0.75000	302.346879	-370.696197	4.44E-14
2.63E-15	3.26E-13	-2626.487	
1.00000	302.346879	-331.939947	3.97E-14
2.63E-15	3.16E-13	-2540.853	

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COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	926.542931	-1.13E-13
5.17E-15	-1.61E-13	1419.957	
0.25000	321.027593	965.299181	-1.18E-13
5.17E-15	-1.33E-13	1189.389	
0.50000	321.027593	1004.055	-1.23E-13
5.17E-15	-1.04E-13	949.373645	
0.75000	321.027593	1042.812	-1.27E-13
5.17E-15	-7.31E-14	699.911716	
1.00000	321.027593	1081.568	-1.32E-13
5.17E-15	-4.15E-14	441.002951	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	926.542931	-1.13E-13
5.17E-15	-1.61E-13	1419.957	
0.25000	321.027593	965.299181	-1.18E-13
5.17E-15	-1.33E-13	1189.389	
0.50000	321.027593	1004.055	-1.23E-13
5.17E-15	-1.04E-13	949.373645	
0.75000	321.027593	1042.812	-1.27E-13
5.17E-15	-7.31E-14	699.911716	
1.00000	321.027593	1081.568	-1.32E-13
5.17E-15	-4.15E-14	441.002951	

COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	417.064507	-5.15E-14
5.33E-15	1.46E-13	-1099.644	
0.25000	440.732189	455.820757	-5.62E-14
5.33E-15	1.59E-13	-1206.027	
0.50000	440.732189	494.577007	-6.09E-14
5.33E-15	1.74E-13	-1321.857	
0.75000	440.732189	533.333257	-6.56E-14
5.33E-15	1.89E-13	-1447.134	
1.00000	440.732189	572.089507	-7.03E-14
5.33E-15	2.06E-13	-1581.857	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	417.064507	-5.15E-14
5.33E-15	1.46E-13	-1099.644	
0.25000	440.732189	455.820757	-5.62E-14
5.33E-15	1.59E-13	-1206.027	
0.50000	440.732189	494.577007	-6.09E-14
5.33E-15	1.74E-13	-1321.857	
0.75000	440.732189	533.333257	-6.56E-14
5.33E-15	1.89E-13	-1447.134	
1.00000	440.732189	572.089507	-7.03E-14
5.33E-15	2.06E-13	-1581.857	

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	409.539514	-5.04E-14
4.24E-15	3.08E-14	-173.822610	
0.25000	316.368161	448.295764	-5.51E-14
4.24E-15	4.37E-14	-278.371285	
0.50000	316.368161	487.052014	-5.98E-14
4.24E-15	5.77E-14	-392.366795	
0.75000	316.368161	525.808264	-6.45E-14
4.24E-15	7.28E-14	-515.809142	
1.00000	316.368161	564.564514	-6.92E-14
4.24E-15	8.91E-14	-648.698324	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	409.539514	-5.04E-14
4.24E-15	3.08E-14	-173.822610	
0.25000	316.368161	448.295764	-5.51E-14
4.24E-15	4.37E-14	-278.371285	
0.50000	316.368161	487.052014	-5.98E-14
4.24E-15	5.77E-14	-392.366795	
0.75000	316.368161	525.808264	-6.45E-14
4.24E-15	7.28E-14	-515.809142	
1.00000	316.368161	564.564514	-6.92E-14
4.24E-15	8.91E-14	-648.698324	

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COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-482.774113	5.77E-14
4.25E-15	5.39E-13	-4349.627	
0.25000	339.105410	-444.017863	5.30E-14
4.25E-15	5.26E-13	-4236.674	
0.50000	339.105410	-405.261613	4.83E-14
4.25E-15	5.14E-13	-4133.168	
0.75000	339.105410	-366.505363	4.36E-14
4.25E-15	5.02E-13	-4039.109	
1.00000	339.105410	-327.749113	3.89E-14
4.25E-15	4.92E-13	-3954.497	

COMB UEO06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	339.105410	-482.774113	5.77E-14
4.25E-15	5.39E-13	-4349.627	
0.25000	339.105410	-444.017863	5.30E-14
4.25E-15	5.26E-13	-4236.674	
0.50000	339.105410	-405.261613	4.83E-14
4.25E-15	5.14E-13	-4133.168	
0.75000	339.105410	-366.505363	4.36E-14
4.25E-15	5.02E-13	-4039.109	
1.00000	339.105410	-327.749113	3.89E-14
4.25E-15	4.92E-13	-3954.497	

COMB UEO07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-479.439953	5.74E-14
3.72E-15	4.79E-13	-3865.891	
0.25000	426.710906	-440.683703	5.27E-14
3.72E-15	4.66E-13	-3753.751	
0.50000	426.710906	-401.927453	4.80E-14
3.72E-15	4.54E-13	-3651.058	
0.75000	426.710906	-363.171203	4.33E-14
3.72E-15	4.42E-13	-3557.811	
1.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	

COMB UEO07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-479.439953	5.74E-14
3.72E-15	4.79E-13	-3865.891	
0.25000	426.710906	-440.683703	5.27E-14
3.72E-15	4.66E-13	-3753.751	
0.50000	426.710906	-401.927453	4.80E-14
3.72E-15	4.54E-13	-3651.058	
0.75000	426.710906	-363.171203	4.33E-14
3.72E-15	4.42E-13	-3557.811	
1.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	

COMB UEO08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	214.741382	-490.299107	5.88E-14
3.16E-15	4.24E-13	-3423.805	
0.25000	214.741382	-451.542857	5.41E-14
3.16E-15	4.10E-13	-3309.018	
0.50000	214.741382	-412.786607	4.94E-14
3.16E-15	3.98E-13	-3203.678	
0.75000	214.741382	-374.030357	4.47E-14
3.16E-15	3.86E-13	-3107.785	
1.00000	214.741382	-335.274107	4.00E-14
3.16E-15	3.76E-13	-3021.338	

COMB UEO08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	214.741382	-490.299107	5.88E-14
3.16E-15	4.24E-13	-3423.805	
0.25000	214.741382	-451.542857	5.41E-14
3.16E-15	4.10E-13	-3309.018	
0.50000	214.741382	-412.786607	4.94E-14
3.16E-15	3.98E-13	-3203.678	
0.75000	214.741382	-374.030357	4.47E-14
3.16E-15	3.86E-13	-3107.785	
1.00000	214.741382	-335.274107	4.00E-14
3.16E-15	3.76E-13	-3021.338	

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COMB UEO09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-486.964947	5.85E-14
2.63E-15	3.64E-13	-2940.069	
0.25000	302.346879	-448.208697	5.38E-14
2.63E-15	3.50E-13	-2826.095	
0.50000	302.346879	-409.452447	4.91E-14
2.63E-15	3.38E-13	-2721.568	
0.75000	302.346879	-370.696197	4.44E-14
2.63E-15	3.26E-13	-2626.487	
1.00000	302.346879	-331.939947	3.97E-14
2.63E-15	3.16E-13	-2540.853	

COMB UEO09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-486.964947	5.85E-14
2.63E-15	3.64E-13	-2940.069	
0.25000	302.346879	-448.208697	5.38E-14
2.63E-15	3.50E-13	-2826.095	
0.50000	302.346879	-409.452447	4.91E-14
2.63E-15	3.38E-13	-2721.568	
0.75000	302.346879	-370.696197	4.44E-14
2.63E-15	3.26E-13	-2626.487	
1.00000	302.346879	-331.939947	3.97E-14
2.63E-15	3.16E-13	-2540.853	

COMB UEO10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	220.955916	893.328089	-1.09E-13
5.45E-15	-1.01E-13	934.162914	
0.25000	220.955916	930.146526	-1.14E-13
5.45E-15	-7.39E-14	711.926946	
0.50000	220.955916	966.964964	-1.18E-13
5.45E-15	-4.57E-14	480.716483	
0.75000	220.955916	1003.783	-1.23E-13
5.45E-15	-1.64E-14	240.531526	
1.00000	220.955916	1040.602	-1.27E-13
5.45E-15	1.41E-14	-8.627925	

COMB UEO10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	220.955916	893.328089	-1.09E-13
5.45E-15	-1.01E-13	934.162914	
0.25000	220.955916	930.146526	-1.14E-13
5.45E-15	-7.39E-14	711.926946	
0.50000	220.955916	966.964964	-1.18E-13
5.45E-15	-4.57E-14	480.716483	
0.75000	220.955916	1003.783	-1.23E-13
5.45E-15	-1.64E-14	240.531526	
1.00000	220.955916	1040.602	-1.27E-13
5.45E-15	1.41E-14	-8.627925	

COMB UEO11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	305.191970	896.534012	-1.10E-13
4.94E-15	-1.59E-13	1399.293	
0.25000	305.191970	933.352450	-1.14E-13
4.94E-15	-1.32E-13	1176.276	
0.50000	305.191970	970.170887	-1.18E-13
4.94E-15	-1.03E-13	944.284151	
0.75000	305.191970	1006.989	-1.23E-13
4.94E-15	-7.41E-14	703.317750	
1.00000	305.191970	1043.808	-1.27E-13
4.94E-15	-4.36E-14	453.376855	

COMB UEO11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	305.191970	896.534012	-1.10E-13
4.94E-15	-1.59E-13	1399.293	
0.25000	305.191970	933.352450	-1.14E-13
4.94E-15	-1.32E-13	1176.276	
0.50000	305.191970	970.170887	-1.18E-13
4.94E-15	-1.03E-13	944.284151	
0.75000	305.191970	1006.989	-1.23E-13
4.94E-15	-7.41E-14	703.317750	
1.00000	305.191970	1043.808	-1.27E-13
4.94E-15	-4.36E-14	453.376855	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	336.056489	403.444990	-4.99E-14
5.61E-15	1.94E-13	-1488.531	
0.25000	336.056489	440.263427	-5.44E-14
5.61E-15	2.07E-13	-1591.358	
0.50000	336.056489	477.081865	-5.88E-14
5.61E-15	2.21E-13	-1703.159	
0.75000	336.056489	513.900302	-6.33E-14
5.61E-15	2.36E-13	-1823.935	
1.00000	336.056489	550.718740	-6.78E-14
5.61E-15	2.52E-13	-1953.686	

COMB UEO12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	336.056489	403.444990	-4.99E-14
5.61E-15	1.94E-13	-1488.531	
0.25000	336.056489	440.263427	-5.44E-14
5.61E-15	2.07E-13	-1591.358	
0.50000	336.056489	477.081865	-5.88E-14
5.61E-15	2.21E-13	-1703.159	
0.75000	336.056489	513.900302	-6.33E-14
5.61E-15	2.36E-13	-1823.935	
1.00000	336.056489	550.718740	-6.78E-14
5.61E-15	2.52E-13	-1953.686	

COMB UEO13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	420.292543	406.650913	-5.02E-14
5.10E-15	1.36E-13	-1023.400	
0.25000	420.292543	443.469350	-5.47E-14
5.10E-15	1.49E-13	-1127.009	
0.50000	420.292543	480.287788	-5.91E-14
5.10E-15	1.63E-13	-1239.591	
0.75000	420.292543	517.106225	-6.36E-14
5.10E-15	1.78E-13	-1361.149	
1.00000	420.292543	553.924663	-6.80E-14
5.10E-15	1.94E-13	-1491.681	

COMB UEO13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	420.292543	406.650913	-5.02E-14
5.10E-15	1.36E-13	-1023.400	
0.25000	420.292543	443.469350	-5.47E-14
5.10E-15	1.49E-13	-1127.009	
0.50000	420.292543	480.287788	-5.91E-14
5.10E-15	1.63E-13	-1239.591	
0.75000	420.292543	517.106225	-6.36E-14
5.10E-15	1.78E-13	-1361.149	
1.00000	420.292543	553.924663	-6.80E-14
5.10E-15	1.94E-13	-1491.681	

COMB UEO14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	216.475693	396.209419	-4.88E-14
4.56E-15	8.33E-14	-598.317476	
0.25000	216.475693	433.027856	-5.33E-14
4.56E-15	9.58E-14	-699.380769	
0.50000	216.475693	469.846294	-5.78E-14
4.56E-15	1.09E-13	-809.418556	
0.75000	216.475693	506.664731	-6.22E-14
4.56E-15	1.24E-13	-928.430837	
1.00000	216.475693	543.483169	-6.67E-14
4.56E-15	1.40E-13	-1056.418	

COMB UEO14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	216.475693	396.209419	-4.88E-14
4.56E-15	8.33E-14	-598.317476	
0.25000	216.475693	433.027856	-5.33E-14
4.56E-15	9.58E-14	-699.380769	
0.50000	216.475693	469.846294	-5.78E-14
4.56E-15	1.09E-13	-809.418556	
0.75000	216.475693	506.664731	-6.22E-14
4.56E-15	1.24E-13	-928.430837	
1.00000	216.475693	543.483169	-6.67E-14
4.56E-15	1.40E-13	-1056.418	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	300.711747	399.415342	-4.91E-14
4.05E-15	2.54E-14	-133.186920	
0.25000	300.711747	436.233780	-5.36E-14
4.05E-15	3.80E-14	-235.031657	
0.50000	300.711747	473.052217	-5.81E-14
4.05E-15	5.16E-14	-345.850888	
0.75000	300.711747	509.870655	-6.25E-14
4.05E-15	6.63E-14	-465.644613	
1.00000	300.711747	546.689092	-6.70E-14
4.05E-15	8.20E-14	-594.412832	

COMB UEO15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	300.711747	399.415342	-4.91E-14
4.05E-15	2.54E-14	-133.186920	
0.25000	300.711747	436.233780	-5.36E-14
4.05E-15	3.80E-14	-235.031657	
0.50000	300.711747	473.052217	-5.81E-14
4.05E-15	5.16E-14	-345.850888	
0.75000	300.711747	509.870655	-6.25E-14
4.05E-15	6.63E-14	-465.644613	
1.00000	300.711747	546.689092	-6.70E-14
4.05E-15	8.20E-14	-594.412832	

COMB UEO16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

COMB UEO16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-487.135380	5.85E-14
2.63E-15	3.64E-13	-2940.596	
0.25000	302.342674	-448.379130	5.38E-14
2.63E-15	3.50E-13	-2826.580	
0.50000	302.342674	-409.622880	4.91E-14
2.63E-15	3.38E-13	-2722.011	
0.75000	302.342674	-370.866630	4.44E-14
2.63E-15	3.26E-13	-2626.889	
1.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	

COMB UEO17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-479.439953	5.74E-14
3.72E-15	4.79E-13	-3865.891	
0.25000	426.710906	-440.683703	5.27E-14
3.72E-15	4.66E-13	-3753.751	
0.50000	426.710906	-401.927453	4.80E-14
3.72E-15	4.54E-13	-3651.058	
0.75000	426.710906	-363.171203	4.33E-14
3.72E-15	4.42E-13	-3557.811	
1.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	

COMB UEO17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-479.439953	5.74E-14
3.72E-15	4.79E-13	-3865.891	
0.25000	426.710906	-440.683703	5.27E-14
3.72E-15	4.66E-13	-3753.751	
0.50000	426.710906	-401.927453	4.80E-14
3.72E-15	4.54E-13	-3651.058	
0.75000	426.710906	-363.171203	4.33E-14
3.72E-15	4.42E-13	-3557.811	
1.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	289.356348	866.525094	-1.06E-13
4.71E-15	-1.57E-13	1378.630	
0.25000	289.356348	901.405719	-1.10E-13
4.71E-15	-1.31E-13	1163.163	
0.50000	289.356348	936.286344	-1.14E-13
4.71E-15	-1.03E-13	939.194657	
0.75000	289.356348	971.166969	-1.19E-13
4.71E-15	-7.50E-14	706.723785	
1.00000	289.356348	1006.048	-1.23E-13
4.71E-15	-4.56E-14	465.750760	

COMB UEO18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	289.356348	866.525094	-1.06E-13
4.71E-15	-1.57E-13	1378.630	
0.25000	289.356348	901.405719	-1.10E-13
4.71E-15	-1.31E-13	1163.163	
0.50000	289.356348	936.286344	-1.14E-13
4.71E-15	-1.03E-13	939.194657	
0.75000	289.356348	971.166969	-1.19E-13
4.71E-15	-7.50E-14	706.723785	
1.00000	289.356348	1006.048	-1.23E-13
4.71E-15	-4.56E-14	465.750760	

COMB ENVBULT ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	-621.569360	7.43E-14
5.22E-15	6.64E-13	-5356.223	
0.25000	598.706226	-571.186235	6.82E-14
5.22E-15	6.47E-13	-5210.856	
0.50000	598.706226	-520.803110	6.21E-14
5.22E-15	6.31E-13	-5077.770	
0.75000	598.706226	-470.419985	5.60E-14
5.22E-15	6.17E-13	-4956.965	
1.00000	598.706226	-420.036860	4.99E-14
5.22E-15	6.04E-13	-4848.440	

COMB ENVBULT ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	-621.569360	7.43E-14
5.22E-15	6.64E-13	-5356.223	
0.25000	598.706226	-571.186235	6.82E-14
5.22E-15	6.47E-13	-5210.856	
0.50000	598.706226	-520.803110	6.21E-14
5.22E-15	6.31E-13	-5077.770	
0.75000	598.706226	-470.419985	5.60E-14
5.22E-15	6.17E-13	-4956.965	
1.00000	598.706226	-420.036860	4.99E-14
5.22E-15	6.04E-13	-4848.440	

COMB ENVBECC ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.007629	-475.258312	5.86E-14
4.43E-15	5.55E-13	-2942.351	
0.25000	508.007629	-436.502062	5.39E-14
4.43E-15	5.42E-13	-2828.197	
0.50000	508.007629	-397.745812	4.92E-14
4.43E-15	5.30E-13	-2723.489	
0.75000	508.007629	-358.989562	4.45E-14
4.43E-15	5.19E-13	-2628.229	
1.00000	508.007629	-320.233312	3.98E-14
4.43E-15	5.09E-13	-2542.415	

COMB ENVBECC ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-487.703494	5.67E-14
2.63E-15	3.64E-13	-4473.518	
0.25000	302.328660	-448.947244	5.20E-14
2.63E-15	3.50E-13	-4362.397	
0.50000	302.328660	-410.190994	4.73E-14
2.63E-15	3.38E-13	-4260.723	
0.75000	302.328660	-371.434744	4.26E-14
2.63E-15	3.26E-13	-4168.496	
1.00000	302.328660	-332.678494	3.79E-14
2.63E-15	3.16E-13	-4085.716	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVOULT ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.724446	-620.830813	7.42E-14
5.22E-15	6.64E-13	-5353.942	
0.25000	598.724446	-570.447688	6.81E-14
5.22E-15	6.47E-13	-5208.754	
0.50000	598.724446	-520.064563	6.20E-14
5.22E-15	6.31E-13	-5075.848	
0.75000	598.724446	-469.681438	5.59E-14
5.22E-15	6.16E-13	-4955.223	
1.00000	598.724446	-419.298313	4.98E-14
5.22E-15	6.04E-13	-4846.879	

COMB ENVOULT ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.724446	-620.830813	7.42E-14
5.22E-15	6.64E-13	-5353.942	
0.25000	598.724446	-570.447688	6.81E-14
5.22E-15	6.47E-13	-5208.754	
0.50000	598.724446	-520.064563	6.20E-14
5.22E-15	6.31E-13	-5075.848	
0.75000	598.724446	-469.681438	5.59E-14
5.22E-15	6.16E-13	-4955.223	
1.00000	598.724446	-419.298313	4.98E-14
5.22E-15	6.04E-13	-4846.879	

COMB ENVOECC ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.025848	-474.519765	5.85E-14
4.43E-15	5.55E-13	-2940.069	
0.25000	508.025848	-435.763515	5.38E-14
4.43E-15	5.42E-13	-2826.095	
0.50000	508.025848	-397.007265	4.91E-14
4.43E-15	5.29E-13	-2721.568	
0.75000	508.025848	-358.251015	4.44E-14
4.43E-15	5.18E-13	-2626.487	
1.00000	508.025848	-319.494765	3.97E-14
4.43E-15	5.09E-13	-2540.853	

COMB ENVOECC ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-486.964947	5.66E-14
2.63E-15	3.64E-13	-4471.236	
0.25000	302.346879	-448.208697	5.19E-14
2.63E-15	3.50E-13	-4360.295	
0.50000	302.346879	-409.452447	4.72E-14
2.63E-15	3.38E-13	-4258.801	
0.75000	302.346879	-370.696197	4.25E-14
2.63E-15	3.26E-13	-4166.754	
1.00000	302.346879	-331.939947	3.79E-14
2.63E-15	3.16E-13	-4084.154	

ELEM 6 ========== LENGTH = 1.225000

LOAD D ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-332.678494	3.98E-14
2.63E-15	3.16E-13	-2542.415	
0.25000	302.328660	-284.702517	3.40E-14
2.63E-15	3.05E-13	-2447.915	
0.50000	302.328660	-238.162087	2.83E-14
2.63E-15	2.95E-13	-2367.888	
0.75000	302.328660	-193.057205	2.29E-14
2.63E-15	2.87E-13	-2301.894	
1.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	

LOAD L1 ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	95.664637	5.788457	-8.60E-16
8.41E-16	8.97E-14	-717.814362	
0.25000	95.664637	5.788457	-8.60E-16
8.41E-16	8.99E-14	-719.587077	
0.50000	95.664637	5.788457	-8.60E-16
8.41E-16	9.02E-14	-721.359791	

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REL DIST T	P M2	V2 M3	V3
0.75000	95.664637	5.788457	-8.60E-16
8.41E-16	9.04E-14	-723.132506	
1.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.07E-14	-724.905221	

LOAD W-LO ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	1.14E-17	-1.38E-15	-11.330662
8.881358	-6.741750	-7.43E-16	
0.25000	1.14E-17	-1.10E-15	-9.027816
8.881358	-3.626117	-3.64E-16	
0.50000	1.14E-17	-8.30E-16	-6.793875
8.881358	-1.205179	-6.82E-17	
0.75000	1.14E-17	-5.68E-16	-4.628841
8.881358	0.542166	1.46E-16	
1.00000	1.14E-17	-3.14E-16	-2.532712
8.881358	1.637020	2.81E-16	

LOAD G-LO2 ------------------

REL DIST T	P M2	V2 M3	V3

```
 0.00000     4.75E-16    4.23E-16    4.396531
34.554180 -198.531559   -2.06E-14
 0.25000     4.75E-16    4.23E-16    4.396531
34.554180 -199.877997   -2.07E-14
 0.50000     4.75E-16    4.23E-16    4.396531
34.554180 -201.224435   -2.09E-14
 0.75000     4.75E-16    4.23E-16    4.396531
34.554180 -202.570872   -2.10E-14
 1.00000     4.75E-16    4.23E-16    4.396531
34.554180 -203.917310   -2.11E-14

 LOAD     E-LO ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.25000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.50000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.75000    .000000    .000000    .000000
 .000000    .000000    .000000
 1.00000    .000000    .000000    .000000
 .000000    .000000    .000000

 LOAD     W-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.369780   1087.314   -1.32E-13
1.96E-15   -2.75E-13   2293.736
 0.25000   14.369780   1087.314   -1.32E-13
1.96E-15   -2.35E-13   1960.746
 0.50000   14.369780   1087.314   -1.32E-13
1.96E-15   -1.94E-13   1627.756
 0.75000   14.369780   1087.314   -1.32E-13
1.96E-15   -1.54E-13   1294.766
 1.00000   14.369780   1087.314   -1.32E-13
1.96E-15   -1.13E-13  961.776182

 LOAD       WL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.600712   145.961940   -1.77E-14
2.62E-16   -3.70E-14   308.636014
 0.25000    3.600712   145.961940   -1.77E-14
2.62E-16   -3.16E-14   263.935170
 0.50000    3.600712   145.961940   -1.77E-14
2.62E-16   -2.61E-14   219.234326
 0.75000    3.600712   145.961940   -1.77E-14
2.62E-16   -2.07E-14   174.533482
 1.00000    3.600712   145.961940   -1.77E-14
2.62E-16   -1.53E-14   129.832638

 LOAD     G-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -67.388843   -2.564738    2.33E-16
4.10E-16    4.61E-14  -369.603825
Program  SAP2000  Nonlinear  Version  7.42
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 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   -67.388843   -2.564738    2.33E-16
4.10E-16    4.60E-14  -368.818373
 0.50000   -67.388843   -2.564738    2.33E-16
4.10E-16    4.60E-14  -368.032922
 0.75000   -67.388843   -2.564738    2.33E-16
4.10E-16    4.59E-14  -367.247471
 1.00000   -67.388843   -2.564738    2.33E-16
4.10E-16    4.58E-14  -366.462020

 LOAD     E-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.25000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.50000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.75000    .000000    .000000    .000000
 .000000    .000000    .000000
 1.00000    .000000    .000000    .000000
 .000000    .000000    .000000

 LOAD     Q1-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.014015    0.568113   -6.90E-17
1.02E-18   -1.44E-16    1.201274
 0.25000    0.014015    0.568113   -6.90E-17
1.02E-18   -1.23E-16    1.027289
 0.50000    0.014015    0.568113   -6.90E-17
1.02E-18   -1.02E-16    0.853304
 0.75000    0.014015    0.568113   -6.90E-17
1.02E-18   -8.06E-17    0.679319
 1.00000    0.014015    0.568113   -6.90E-17
1.02E-18   -5.95E-17    0.505335

 LOAD  COL-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.045539    1.846008   -2.24E-16
3.31E-18   -4.68E-16    3.903378
 0.25000    0.045539    1.846008   -2.24E-16
3.31E-18   -3.99E-16    3.338038
 0.50000    0.045539    1.846008   -2.24E-16
3.31E-18   -3.31E-16    2.772698
 0.75000    0.045539    1.846008   -2.24E-16
3.31E-18   -2.62E-16    2.207358
 1.00000    0.045539    1.846008   -2.24E-16
3.31E-18   -1.93E-16    1.642018

 COMB    SVB01 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229
 0.25000  397.993296  -278.914061    3.31E-14
3.47E-15    3.95E-13   -3167.502
 0.50000  397.993296  -232.373631    2.75E-14
3.47E-15    3.85E-13   -3089.248
 0.75000  397.993296  -187.268748    2.20E-14
3.47E-15    3.78E-13   -3025.027
 1.00000  397.993296  -143.599412    1.67E-14
3.47E-15    3.72E-13   -2974.399

 COMB    SVB01 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229
 0.25000  397.993296  -278.914061    3.31E-14
3.47E-15    3.85E-13   -3089.248
 0.50000  397.993296  -232.373631    2.75E-14
3.47E-15    3.72E-13   -2974.399
 0.75000  397.993296  -187.268748    2.20E-14
3.47E-15    3.72E-13   -3025.027
 1.00000  397.993296  -143.599412    1.67E-14
3.47E-15    3.72E-13   -2974.399
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

 COMB    SVB02 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415
 0.25000  302.328660  -284.702517    3.40E-14
2.63E-15    3.05E-13   -2447.915
 0.50000  302.328660  -238.162087    2.83E-14
2.63E-15    2.95E-13   -2367.888
 0.75000  302.328660  -193.057205    2.29E-14
2.63E-15    2.87E-13   -2301.894
 1.00000  302.328660  -149.387869    1.76E-14
2.63E-15    2.81E-13   -2249.494

 COMB    SVB02 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415
 0.25000  302.328660  -284.702517    3.40E-14
2.63E-15    3.05E-13   -2447.915
 0.50000  302.328660  -238.162087    2.83E-14
2.63E-15    2.95E-13   -2367.888
 0.75000  302.328660  -193.057205    2.29E-14
2.63E-15    2.87E-13   -2301.894
 1.00000  302.328660  -149.387869    1.76E-14
2.63E-15    2.81E-13   -2249.494

 COMB    SVB03 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -11.330662
8.881358   -6.741750   -2542.415
 0.25000  302.328660  -284.702517   -9.027816
8.881358   -3.626117   -2447.915
 0.50000  302.328660  -238.162087   -6.793875
8.881358   -1.205179   -2367.888
 0.75000  302.328660  -193.057205   -4.628841
8.881358    0.542166   -2301.894
 1.00000  302.328660  -149.387869   -2.532712
8.881358    1.637020   -2249.494

 COMB    SVB03 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -11.330662
8.881358   -6.741750   -2542.415
 0.25000  302.328660  -284.702517   -9.027816
8.881358   -3.626117   -2447.915
 0.50000  302.328660  -238.162087   -6.793875
8.881358   -1.205179   -2367.888
 0.75000  302.328660  -193.057205   -4.628841
8.881358    0.542166   -2301.894
 1.00000  302.328660  -149.387869   -2.532712
8.881358    1.637020   -2249.494

 COMB    SVB04 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037   -5.665331
4.440679   -3.370875   -3260.229
 0.25000  397.993296  -278.914061   -4.513908
4.440679   -1.813058   -3167.502
 0.50000  397.993296  -232.373631   -3.396937
4.440679   -0.602590   -3089.248
 0.75000  397.993296  -187.268748   -2.314420
4.440679    0.271083   -3025.027
 1.00000  397.993296  -143.599412   -1.266356
4.440679    0.818510   -2974.399

 COMB    SVB04 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037   -5.665331
4.440679   -3.370875   -3260.229
 0.25000  397.993296  -278.914061   -4.513908
4.440679   -1.813058   -3167.502
 0.50000  397.993296  -232.373631   -3.396937
4.440679   -0.602590   -3089.248
 0.75000  397.993296  -187.268748   -2.314420
4.440679    0.271083   -3025.027
 1.00000  397.993296  -143.599412   -1.266356
4.440679    0.818510   -2974.399
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

 COMB    SVB05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -5.665331
4.440679   -3.370875   -2542.415
 0.25000  302.328660  -284.702517   -4.513908
4.440679   -1.813058   -2447.915
 0.50000  302.328660  -238.162087   -3.396937
4.440679   -0.602590   -2367.888
 0.75000  302.328660  -193.057205   -2.314420
4.440679    0.271083   -2301.894
 1.00000  302.328660  -149.387869   -1.266356
4.440679    0.818510   -2249.494

 COMB    SVB05 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -5.665331
4.440679   -3.370875   -2542.415
 0.25000  302.328660  -284.702517   -4.513908
4.440679   -1.813058   -2447.915
 0.50000  302.328660  -238.162087   -3.396937
4.440679   -0.602590   -2367.888
 0.75000  302.328660  -193.057205   -2.314420
4.440679    0.271083   -2301.894
 1.00000  302.328660  -149.387869   -1.266356
4.440679    0.818510   -2249.494

 COMB    SVB06 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037    4.396531
34.554180 -198.531559   -3260.229
 0.25000  397.993296  -278.914061    4.396531
34.554180 -199.877997   -3167.502
 0.50000  397.993296  -232.373631    4.396531
34.554180 -201.224435   -3089.248
 0.75000  397.993296  -187.268748    4.396531
34.554180 -202.570872   -3025.027
 1.00000  397.993296  -143.599412    4.396531
34.554180 -203.917310   -2974.399

 COMB    SVB06 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037    4.396531
34.554180 -198.531559   -3260.229
 0.25000  397.993296  -278.914061    4.396531
34.554180 -199.877997   -3167.502
 0.50000  397.993296  -232.373631    4.396531
34.554180 -201.224435   -3089.248
 0.75000  397.993296  -187.268748    4.396531
34.554180 -202.570872   -3025.027
 1.00000  397.993296  -143.599412    4.396531
34.554180 -203.917310   -2974.399

 COMB    SVB07 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229
 0.25000  397.993296  -278.914061    3.31E-14
3.47E-15    3.95E-13   -3167.502
 0.50000  397.993296  -232.373631    2.75E-14
3.47E-15    3.85E-13   -3089.248
 0.75000  397.993296  -187.268748    2.20E-14
3.47E-15    3.78E-13   -3025.027
 1.00000  397.993296  -143.599412    1.67E-14
3.47E-15    3.72E-13   -2974.399

 COMB    SVB07 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037    3.89E-14
3.47E-15    4.06E-13   -3260.229
 0.25000  397.993296  -278.914061    3.31E-14
3.47E-15    3.95E-13   -3167.502
 0.50000  397.993296  -232.373631    2.75E-14
3.47E-15    3.85E-13   -3089.248
 0.75000  397.993296  -187.268748    2.20E-14
3.47E-15    3.78E-13   -3025.027
 1.00000  397.993296  -143.599412    1.67E-14
3.47E-15    3.72E-13   -2974.399
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L   F O R C E S

 COMB    SVB08 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    4.396531
34.554180 -198.531559   -2542.415
 0.25000  302.328660  -284.702517    4.396531
34.554180 -199.877997   -2447.915
 0.50000  302.328660  -238.162087    4.396531
34.554180 -201.224435   -2367.888
 0.75000  302.328660  -193.057205    4.396531
34.554180 -202.570872   -2301.894
 1.00000  302.328660  -149.387869    4.396531
34.554180 -203.917310   -2249.494

 COMB    SVB08 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    4.396531
34.554180 -198.531559   -2542.415
 0.25000  302.328660  -284.702517    4.396531
34.554180 -199.877997   -2447.915
 0.50000  302.328660  -238.162087    4.396531
34.554180 -201.224435   -2367.888
 0.75000  302.328660  -193.057205    4.396531
34.554180 -202.570872   -2301.894
 1.00000  302.328660  -149.387869    4.396531
34.554180 -203.917310   -2249.494

 COMB    SVB09 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415
 0.25000  302.328660  -284.702517    3.40E-14
2.63E-15    3.05E-13   -2447.915
 0.50000  302.328660  -238.162087    2.83E-14
2.63E-15    2.95E-13   -2367.888
 0.75000  302.328660  -193.057205    2.29E-14
2.63E-15    2.87E-13   -2301.894
 1.00000  302.328660  -149.387869    1.76E-14
2.63E-15    2.81E-13   -2249.494

 COMB    SVB09 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    3.98E-14
2.63E-15    3.16E-13   -2542.415
 0.25000  302.328660  -284.702517    3.40E-14
2.63E-15    3.05E-13   -2447.915
 0.50000  302.328660  -238.162087    2.83E-14
2.63E-15    2.95E-13   -2367.888
 0.75000  302.328660  -193.057205    2.29E-14
2.63E-15    2.87E-13   -2301.894
 1.00000  302.328660  -149.387869    1.76E-14
2.63E-15    2.81E-13   -2249.494

 COMB    SVB10 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -6.934131
43.435538  -205.273310   -2542.415
 0.25000  302.328660  -284.702517   -4.631284
43.435538  -203.504114   -2447.915
 0.50000  302.328660  -238.162087   -2.397344
43.435538  -202.429614   -2367.888
 0.75000  302.328660  -193.057205   -0.232309
43.435538  -202.028707   -2301.894
 1.00000  302.328660  -149.387869    1.863819
43.435538  -202.280290   -2249.494

 COMB    SVB10 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -6.934131
43.435538  -205.273310   -2542.415
 0.25000  302.328660  -284.702517   -4.631284
43.435538  -203.504114   -2447.915
 0.50000  302.328660  -238.162087   -2.397344
43.435538  -202.429614   -2367.888
 0.75000  302.328660  -193.057205   -0.232309
43.435538  -202.028707   -2301.894
 1.00000  302.328660  -149.387869    1.863819
43.435538  -202.280290   -2249.494
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

 COMB    SVB11 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -11.330662
8.881358   -6.741750   -2542.415
 0.25000  302.328660  -284.702517   -9.027816
8.881358   -3.626117   -2447.915
 0.50000  302.328660  -238.162087   -6.793875
8.881358   -1.205179   -2367.888
 0.75000  302.328660  -193.057205   -4.628841
8.881358    0.542166   -2301.894
 1.00000  302.328660  -149.387869   -2.532712
8.881358    1.637020   -2249.494

 COMB    SVB11 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -11.330662
8.881358   -6.741750   -2542.415
 0.25000  302.328660  -284.702517   -9.027816
8.881358   -3.626117   -2447.915
 0.50000  302.328660  -238.162087   -6.793875
8.881358   -1.205179   -2367.888
 0.75000  302.328660  -193.057205   -4.628841
8.881358    0.542166   -2301.894
 1.00000  302.328660  -149.387869   -2.532712
8.881358    1.637020   -2249.494

 COMB    SVB12 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037   -1.268800
38.994859  -201.902434   -3260.229
 0.25000  397.993296  -278.914061   -0.117377
38.994859  -201.691055   -3167.502
 0.50000  397.993296  -232.373631    0.999594
38.994859  -201.827024   -3089.248
 0.75000  397.993296  -187.268748    2.082111
38.994859  -202.299790   -3025.027
 1.00000  397.993296  -143.599412    3.130175
38.994859  -203.098800   -2974.399

 COMB    SVB12 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037   -1.268800
38.994859  -201.902434   -3260.229
 0.25000  397.993296  -278.914061   -0.117377
38.994859  -201.691055   -3167.502
 0.50000  397.993296  -232.373631    0.999594
38.994859  -201.827024   -3089.248
 0.75000  397.993296  -187.268748    2.082111
38.994859  -202.299790   -3025.027
 1.00000  397.993296  -143.599412    3.130175
38.994859  -203.098800   -2974.399

 COMB    SVB13 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037   -5.665331
4.440679   -3.370875   -3260.229
 0.25000  397.993296  -278.914061   -4.513908
4.440679   -1.813058   -3167.502
 0.50000  397.993296  -232.373631   -3.396937
4.440679   -0.602590   -3089.248
 0.75000  397.993296  -187.268748   -2.314420
4.440679    0.271083   -3025.027
 1.00000  397.993296  -143.599412   -1.266356
4.440679    0.818510   -2974.399

 COMB    SVB13 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  397.993296  -326.890037   -5.665331
4.440679   -3.370875   -3260.229
 0.25000  397.993296  -278.914061   -4.513908
4.440679   -1.813058   -3167.502
 0.50000  397.993296  -232.373631   -3.396937
4.440679   -0.602590   -3089.248
 0.75000  397.993296  -187.268748   -2.314420
4.440679    0.271083   -3025.027
 1.00000  397.993296  -143.599412   -1.266356
4.440679    0.818510   -2974.399
Program  SAP2000  Nonlinear  Version  7.42
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 COMB    SVB14 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -1.268800
38.994859  -201.902434   -2542.415
 0.25000  302.328660  -284.702517   -0.117377
38.994859  -201.691055   -2447.915
 0.50000  302.328660  -238.162087    0.999594
38.994859  -201.827024   -2367.888
 0.75000  302.328660  -193.057205    2.082111
38.994859  -202.299790   -2301.894
 1.00000  302.328660  -149.387869    3.130175
38.994859  -203.098800   -2249.494

 COMB    SVB14 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -1.268800
38.994859  -201.902434   -2542.415
 0.25000  302.328660  -284.702517   -0.117377
38.994859  -201.691055   -2447.915
 0.50000  302.328660  -238.162087    0.999594
38.994859  -201.827024   -2367.888
 0.75000  302.328660  -193.057205    2.082111
38.994859  -202.299790   -2301.894
 1.00000  302.328660  -149.387869    3.130175
38.994859  -203.098800   -2249.494

 COMB    SVB15 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494   -5.665331
4.440679   -3.370875   -2542.415
 0.25000  302.328660  -284.702517   -4.513908
4.440679   -1.813058   -2447.915
 0.50000  302.328660  -238.162087   -3.396937
4.440679   -0.602590   -2367.888
 0.75000  302.328660  -193.057205   -2.314420
```

4.440679 0.271083 -2301.894
1.00000 302.328660 -149.387869 -1.266356
4.440679 0.818510 -2249.494

COMB SVB15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 302.328660 -332.678494 -5.665331
4.440679 -3.370875 -2542.415
0.25000 302.328660 -284.702517 -4.513908
4.440679 -1.813058 -2447.915
0.50000 302.328660 -238.162087 -3.396937
4.440679 -0.602590 -2367.888
0.75000 302.328660 -193.057205 -2.314420
4.440679 0.271083 -2301.894
1.00000 302.328660 -149.387869 -1.266356
4.440679 0.818510 -2249.494

COMB ULB01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 598.706226 -420.036860 4.99E-14
5.22E-15 6.04E-13 -4848.440
0.25000 598.706226 -357.668091 4.23E-14
5.22E-15 5.90E-13 -4729.402
0.50000 598.706226 -297.165532 3.50E-14
5.22E-15 5.78E-13 -4629.178
0.75000 598.706226 -238.529184 2.79E-14
5.22E-15 5.68E-13 -4547.197
1.00000 598.706226 -181.759048 2.10E-14
5.22E-15 5.61E-13 -4482.888

COMB ULB01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 598.706226 -420.036860 4.99E-14
5.22E-15 6.04E-13 -4848.440
0.25000 598.706226 -357.668091 4.23E-14
5.22E-15 5.90E-13 -4729.402
0.50000 598.706226 -297.165532 3.50E-14
5.22E-15 5.78E-13 -4629.178
0.75000 598.706226 -238.529184 2.79E-14
5.22E-15 5.68E-13 -4547.197
1.00000 598.706226 -181.759048 2.10E-14
5.22E-15 5.61E-13 -4482.888
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COMB ULB02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 5.17E-14
3.41E-15 4.11E-13 -3305.139
0.25000 393.027257 -370.113272 4.42E-14
3.41E-15 3.96E-13 -3182.290
0.50000 393.027257 -309.610714 3.68E-14
3.41E-15 3.84E-13 -3078.254
0.75000 393.027257 -250.974366 2.97E-14
3.41E-15 3.74E-13 -2992.463
1.00000 393.027257 -194.204229 2.29E-14
3.41E-15 3.66E-13 -2924.342

COMB ULB02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 5.17E-14
3.41E-15 4.11E-13 -3305.139
0.25000 393.027257 -370.113272 4.42E-14
3.41E-15 3.96E-13 -3182.290
0.50000 393.027257 -309.610714 3.68E-14
3.41E-15 3.84E-13 -3078.254
0.75000 393.027257 -250.974366 2.97E-14
3.41E-15 3.74E-13 -2992.463
1.00000 393.027257 -194.204229 2.29E-14
3.41E-15 3.66E-13 -2924.342

COMB ULB03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 -14.729861
11.545765 -8.764275 -3305.139
0.25000 393.027257 -370.113272 -11.736160
11.545765 -4.713952 -3182.290
0.50000 393.027257 -309.610714 -8.832037
11.545765 -1.566733 -3078.254
0.75000 393.027257 -250.974366 -6.017493
11.545765 0.704815 -2992.463
1.00000 393.027257 -194.204229 -3.292526
11.545765 2.128126 -2924.342

COMB ULB03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 -14.729861
11.545765 -8.764275 -3305.139
0.25000 393.027257 -370.113272 -11.736160
11.545765 -4.713952 -3182.290
0.50000 393.027257 -309.610714 -8.832037
11.545765 -1.566733 -3078.254
0.75000 393.027257 -250.974366 -6.017493
11.545765 0.704815 -2992.463
1.00000 393.027257 -194.204229 -3.292526
11.545765 2.128126 -2924.342

COMB ULB04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 -7.364931
5.772883 -4.382138 -4238.298
0.25000 517.391285 -362.588279 -5.868080
5.772883 -2.356976 -4117.753
0.50000 517.391285 -302.085720 -4.416019
5.772883 -0.783366 -4016.022
0.75000 517.391285 -243.449373 -3.008746
5.772883 0.352408 -3932.535
1.00000 517.391285 -186.679236 -1.646263
5.772883 1.064063 -3866.719

COMB ULB04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 -7.364931
5.772883 -4.382138 -4238.298
0.25000 517.391285 -362.588279 -5.868080
5.772883 -2.356976 -4117.753
0.50000 517.391285 -302.085720 -4.416019
5.772883 -0.783366 -4016.022
0.75000 517.391285 -243.449373 -3.008746
5.772883 0.352408 -3932.535
1.00000 517.391285 -186.679236 -1.646263
5.772883 1.064063 -3866.719
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COMB ULB05 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 -7.364931
5.772883 -4.382138 -3305.139
0.25000 393.027257 -370.113272 -5.868080
5.772883 -2.356976 -3182.290
0.50000 393.027257 -309.610714 -4.416019
5.772883 -0.783366 -3078.254
0.75000 393.027257 -250.974366 -3.008746
5.772883 0.352408 -2992.463
1.00000 393.027257 -194.204229 -1.646263
5.772883 1.064063 -2924.342

COMB ULB05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 -7.364931
5.772883 -4.382138 -3305.139
0.25000 393.027257 -370.113272 -5.868080
5.772883 -2.356976 -3182.290
0.50000 393.027257 -309.610714 -4.416019
5.772883 -0.783366 -3078.254
0.75000 393.027257 -250.974366 -3.008746
5.772883 0.352408 -2992.463
1.00000 393.027257 -194.204229 -1.646263
5.772883 1.064063 -2924.342

COMB ULB06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 5.715491
44.920434 -258.091027 -4238.298
0.25000 517.391285 -362.588279 5.715491
44.920434 -259.841396 -4117.753
0.50000 517.391285 -302.085720 5.715491
44.920434 -261.591765 -4016.022
0.75000 517.391285 -243.449373 5.715491
44.920434 -263.342134 -3932.535
1.00000 517.391285 -186.679236 5.715491
44.920434 -265.092503 -3866.719

COMB ULB06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 5.715491
44.920434 -258.091027 -4238.298
0.25000 517.391285 -362.588279 5.715491
44.920434 -259.841396 -4117.753
0.50000 517.391285 -302.085720 5.715491
44.920434 -261.591765 -4016.022
0.75000 517.391285 -243.449373 5.715491
44.920434 -263.342134 -3932.535
1.00000 517.391285 -186.679236 5.715491
44.920434 -265.092503 -3866.719

COMB ULB07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 5.06E-14
4.51E-15 5.28E-13 -4238.298
0.25000 517.391285 -362.588279 4.31E-14
4.51E-15 5.13E-13 -4117.753
0.50000 517.391285 -302.085720 3.57E-14
4.51E-15 5.01E-13 -4016.022
0.75000 517.391285 -243.449373 2.86E-14
4.51E-15 4.91E-13 -3932.535
1.00000 517.391285 -186.679236 2.18E-14
4.51E-15 4.84E-13 -3866.719

COMB ULB07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 5.06E-14
4.51E-15 5.28E-13 -4238.298
0.25000 517.391285 -362.588279 4.31E-14
4.51E-15 5.13E-13 -4117.753
0.50000 517.391285 -302.085720 3.57E-14
4.51E-15 5.01E-13 -4016.022
0.75000 517.391285 -243.449373 2.86E-14
4.51E-15 4.91E-13 -3932.535
1.00000 517.391285 -186.679236 2.18E-14
4.51E-15 4.84E-13 -3866.719
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COMB ULB08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 5.715491
44.920434 -258.091027 -3305.139
0.25000 393.027257 -370.113272 5.715491
44.920434 -259.841396 -3182.290
0.50000 393.027257 -309.610714 5.715491
44.920434 -261.591765 -3078.254
0.75000 393.027257 -250.974366 5.715491
44.920434 -263.342134 -2992.463
1.00000 393.027257 -194.204229 5.715491
44.920434 -265.092503 -2924.342

COMB ULB08 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 5.715491
44.920434 -258.091027 -3305.139
0.25000 393.027257 -370.113272 5.715491
44.920434 -259.841396 -3182.290
0.50000 393.027257 -309.610714 5.715491
44.920434 -261.591765 -3078.254
0.75000 393.027257 -250.974366 5.715491
44.920434 -263.342134 -2992.463
1.00000 393.027257 -194.204229 5.715491
44.920434 -265.092503 -2924.342

COMB ULB09 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 5.17E-14
3.41E-15 4.11E-13 -3305.139
0.25000 393.027257 -370.113272 4.42E-14
3.41E-15 3.96E-13 -3182.290
0.50000 393.027257 -309.610714 3.68E-14
3.41E-15 3.84E-13 -3078.254
0.75000 393.027257 -250.974366 2.97E-14
3.41E-15 3.74E-13 -2992.463
1.00000 393.027257 -194.204229 2.29E-14
3.41E-15 3.66E-13 -2924.342

COMB ULB09 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.027257 -432.482042 5.17E-14
3.41E-15 4.11E-13 -3305.139
0.25000 393.027257 -370.113272 4.42E-14
3.41E-15 3.96E-13 -3182.290
0.50000 393.027257 -309.610714 3.68E-14
3.41E-15 3.84E-13 -3078.254
0.75000 393.027257 -250.974366 2.97E-14
3.41E-15 3.74E-13 -2992.463
1.00000 393.027257 -194.204229 2.29E-14
3.41E-15 3.66E-13 -2924.342

COMB ULB10 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -8.667664
54.294422 -256.591637 -3178.019
0.25000 377.910824 -355.878146 -5.789105
54.294422 -254.380142 -3059.894
0.50000 377.910824 -297.702609 -2.996680
54.294422 -253.037017 -2959.860
0.75000 377.910824 -241.321506 -0.290387
54.294422 -252.535883 -2877.368
1.00000 377.910824 -186.734836 2.329773
54.294422 -252.850363 -2811.867

COMB ULB10 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -8.667664
54.294422 -256.591637 -3178.019
0.25000 377.910824 -355.878146 -5.789105
54.294422 -254.380142 -3059.894
0.50000 377.910824 -297.702609 -2.996680
54.294422 -253.037017 -2959.860
0.75000 377.910824 -241.321506 -0.290387
54.294422 -252.535883 -2877.368
1.00000 377.910824 -186.734836 2.329773
54.294422 -252.850363 -2811.867
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COMB ULB11 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -14.163328
11.101697 -8.427188 -3178.019
0.25000 377.910824 -355.878146 -11.284769
11.101697 -4.532646 -3059.894
0.50000 377.910824 -297.702609 -8.492344
11.101697 -1.506474 -2959.860
0.75000 377.910824 -241.321506 -5.786051
11.101697 0.677707 -2877.368
1.00000 377.910824 -186.734836 -3.165890
11.101697 2.046275 -2811.867

COMB ULB11 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -14.163328
11.101697 -8.427188 -3178.019
0.25000 377.910824 -355.878146 -11.284769
11.101697 -4.532646 -3059.894
0.50000 377.910824 -297.702609 -8.492344
11.101697 -1.506474 -2959.860
0.75000 377.910824 -241.321506 -5.786051
11.101697 0.677707 -2877.368
1.00000 377.910824 -186.734836 -3.165890
11.101697 2.046275 -2811.867

COMB ULB12 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 497.491620 -408.612546 -1.586000
48.743573 -252.378043 -4075.287
0.25000 497.491620 -348.642576 -0.146721
48.743573 -252.113819 -3959.378
0.50000 497.491620 -290.467039 1.249492
48.743573 -252.283780 -3861.560
0.75000 497.491620 -234.085935 2.602639
48.743573 -252.874737 -3781.283
1.00000 497.491620 -179.499265 3.912719
48.743573 -253.873500 -3717.999

COMB ULB12 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 497.491620 -408.612546 -1.586000
48.743573 -252.378043 -4075.287
0.25000 497.491620 -348.642576 -0.146721
48.743573 -252.113819 -3959.378
0.50000 497.491620 -290.467039 1.249492
48.743573 -252.283780 -3861.560
0.75000 497.491620 -234.085935 2.602639
48.743573 -252.874737 -3781.283
1.00000 497.491620 -179.499265 3.912719
48.743573 -253.873500 -3717.999

COMB ULB13 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 497.491620 -408.612546 -7.081664
5.550849 -4.213594 -4075.287
0.25000 497.491620 -348.642576 -5.642385
5.550849 -2.266323 -3959.378
0.50000 497.491620 -290.467039 -4.246172
5.550849 -0.753237 -3861.560
0.75000 497.491620 -234.085935 -2.893025
5.550849 0.338853 -3781.283
1.00000 497.491620 -179.499265 -1.582945
5.550849 1.023137 -3717.999

COMB ULB13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 497.491620 -408.612546 -7.081664
5.550849 -4.213594 -4075.287
0.25000 497.491620 -348.642576 -5.642385
5.550849 -2.266323 -3959.378
0.50000 497.491620 -290.467039 -4.246172
5.550849 -0.753237 -3861.560
0.75000 497.491620 -234.085935 -2.893025
5.550849 0.338853 -3781.283
1.00000 497.491620 -179.499265 -1.582945
5.550849 1.023137 -3717.999
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -1.586000
48.743573 -252.378043 -3178.019
0.25000 377.910824 -355.878146 -0.146721
48.743573 -252.113819 -3059.894
0.50000 377.910824 -297.702609 1.249492
48.743573 -252.283780 -2959.860
0.75000 377.910824 -241.321506 2.602639
48.743573 -252.874737 -2877.368
1.00000 377.910824 -186.734836 3.912719
48.743573 -253.873500 -2811.867

COMB ULB14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -1.586000
48.743573 -252.378043 -3178.019
0.25000 377.910824 -355.878146 -0.146721
48.743573 -252.113819 -3059.894
0.50000 377.910824 -297.702609 1.249492
48.743573 -252.283780 -2959.860
0.75000 377.910824 -241.321506 2.602639
48.743573 -252.874737 -2877.368
1.00000 377.910824 -186.734836 3.912719
48.743573 -253.873500 -2811.867

COMB ULB15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -7.081664
5.550849 -4.213594 -3178.019
0.25000 377.910824 -355.878146 -5.642385
5.550849 -2.266323 -3059.894
0.50000 377.910824 -297.702609 -4.246172
5.550849 -0.753237 -2959.860
0.75000 377.910824 -241.321506 -2.893025
5.550849 0.338853 -2877.368
1.00000 377.910824 -186.734836 -1.582945
5.550849 1.023137 -2811.867

COMB ULB15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 377.910824 -415.848117 -7.081664
5.550849 -4.213594 -3178.019
0.25000 377.910824 -355.878146 -5.642385
5.550849 -2.266323 -3059.894
0.50000 377.910824 -297.702609 -4.246172
5.550849 -0.753237 -2959.860
0.75000 377.910824 -241.321506 -2.893025
5.550849 0.338853 -2877.368
1.00000 377.910824 -186.734836 -1.582945
5.550849 1.023137 -2811.867

COMB ULB16 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 302.328660 -332.678494 3.98E-14
2.63E-15 3.16E-13 -2542.415
0.25000 302.328660 -284.702517 3.40E-14
2.63E-15 3.05E-13 -2447.915
0.50000 302.328660 -238.162087 2.83E-14
2.63E-15 2.95E-13 -2367.888
0.75000 302.328660 -193.057205 2.29E-14
2.63E-15 2.87E-13 -2301.894
1.00000 302.328660 -149.387869 1.76E-14
2.63E-15 2.81E-13 -2249.494

COMB ULB16 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 302.328660 -332.678494 3.98E-14
2.63E-15 3.16E-13 -2542.415
0.25000 302.328660 -284.702517 3.40E-14
2.63E-15 3.05E-13 -2447.915
0.50000 302.328660 -238.162087 2.83E-14
2.63E-15 2.95E-13 -2367.888
0.75000 302.328660 -193.057205 2.29E-14
2.63E-15 2.87E-13 -2301.894
1.00000 302.328660 -149.387869 1.76E-14
2.63E-15 2.81E-13 -2249.494
Program SAP2000 Nonlinear Version 7.42
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COMB ULB17 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 5.06E-14
4.51E-15 5.28E-13 -4238.298
0.25000 517.391285 -362.588279 4.31E-14
4.51E-15 5.13E-13 -4117.753
0.50000 517.391285 -302.085720 3.57E-14
4.51E-15 5.01E-13 -4016.022
0.75000 517.391285 -243.449373 2.86E-14
4.51E-15 4.91E-13 -3932.535
1.00000 517.391285 -186.679236 2.18E-14
4.51E-15 4.84E-13 -3866.719

COMB ULB17 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.391285 -424.957048 5.06E-14
4.51E-15 5.28E-13 -4238.298
0.25000 517.391285 -362.588279 4.31E-14
4.51E-15 5.13E-13 -4117.753
0.50000 517.391285 -302.085720 3.57E-14
4.51E-15 5.01E-13 -4016.022
0.75000 517.391285 -243.449373 2.86E-14
4.51E-15 4.91E-13 -3932.535
1.00000 517.391285 -186.679236 2.18E-14
4.51E-15 4.84E-13 -3866.719

COMB ULB18 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 362.794391 -399.214192 -13.596795
10.657629 -8.090100 -3050.898
0.25000 362.794391 -341.643021 -10.833379
10.657629 -4.351340 -2937.498
0.50000 362.794391 -285.794505 -8.152650
10.657629 -1.446215 -2841.466
0.75000 362.794391 -231.668646 -5.554609
10.657629 0.650599 -2762.273
1.00000 362.794391 -179.265442 -3.039255
10.657629 1.964424 -2699.393

COMB ULB18 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 362.794391 -399.214192 -13.596795
10.657629 -8.090100 -3050.898

```
 0.25000    362.794391  -341.643021   -10.833379
10.657629    -4.351340    -2937.498
 0.50000    362.794391  -285.794505    -8.152650
10.657629    -1.446215    -2841.466
 0.75000    362.794391  -231.668646    -5.554609
10.657629     0.650599    -2762.273
 1.00000    362.794391  -179.265442    -3.039255
10.657629     1.964424    -2699.393

COMB    UEB01 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  508.007629  -320.233312     3.79E-14
4.43E-15    5.09E-13    -4085.716
 0.25000  508.007629  -272.257336     3.21E-14
4.43E-15    4.98E-13    -3995.027
 0.50000  508.007629  -225.716906     2.65E-14
4.43E-15    4.89E-13    -3918.812
 0.75000  508.007629  -180.612023     2.10E-14
4.43E-15    4.82E-13    -3856.629
 1.00000  508.007629  -136.942687     1.57E-14
4.43E-15    4.76E-13    -3808.040

COMB    UEB01 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  508.007629  -320.233312     3.79E-14
4.43E-15    5.09E-13    -4085.716
 0.25000  508.007629  -272.257336     3.21E-14
4.43E-15    4.98E-13    -3995.027
 0.50000  508.007629  -225.716906     2.65E-14
4.43E-15    4.89E-13    -3918.812
 0.75000  508.007629  -180.612023     2.10E-14
4.43E-15    4.82E-13    -3856.629
 1.00000  508.007629  -136.942687     1.57E-14
4.43E-15    4.76E-13    -3808.040
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

COMB    UEB02 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494     3.98E-14
2.63E-15    3.16E-13    -2542.415
 0.25000  302.328660  -284.702517     3.40E-14
2.63E-15    3.05E-13    -2447.915
 0.50000  302.328660  -238.162087     2.83E-14
2.63E-15    2.95E-13    -2367.888
 0.75000  302.328660  -193.057205     2.29E-14
2.63E-15    2.87E-13    -2301.894
 1.00000  302.328660  -149.387869     1.76E-14
2.63E-15    2.81E-13    -2249.494

COMB    UEB02 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494     3.98E-14
2.63E-15    3.16E-13    -2542.415
 0.25000  302.328660  -284.702517     3.40E-14
2.63E-15    3.05E-13    -2447.915
 0.50000  302.328660  -238.162087     2.83E-14
2.63E-15    2.95E-13    -2367.888
 0.75000  302.328660  -193.057205     2.29E-14
2.63E-15    2.87E-13    -2301.894
 1.00000  302.328660  -149.387869     1.76E-14
2.63E-15    2.81E-13    -2249.494

COMB    UEB03 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    -14.729861
11.545765    -8.764275    -2542.415
 0.25000  302.328660  -284.702517    -11.736160
11.545765    -4.713952    -2447.915
 0.50000  302.328660  -238.162087     -8.832037
11.545765    -1.566733    -2367.888
 0.75000  302.328660  -193.057205     -6.017493
11.545765     0.704815    -2301.894
 1.00000  302.328660  -149.387869     -3.292526
11.545765     2.128126    -2249.494

COMB    UEB03 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494    -14.729861
11.545765    -8.764275    -2542.415
 0.25000  302.328660  -284.702517    -11.736160
11.545765    -4.713952    -2447.915
 0.50000  302.328660  -238.162087     -8.832037
11.545765    -1.566733    -2367.888
 0.75000  302.328660  -193.057205     -6.017493
11.545765     0.704815    -2301.894
 1.00000  302.328660  -149.387869     -3.292526
11.545765     2.128126    -2249.494

COMB    UEB04 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500     -7.364931
5.772883    -4.382138    -3475.574
 0.25000  426.692687  -277.177524     -5.868080
5.772883    -2.356976    -3383.378
 0.50000  426.692687  -230.637094     -4.416019
5.772883    -0.783366    -3305.656
 0.75000  426.692687  -185.532211     -3.008746
5.772883     0.352408    -3241.966
 1.00000  426.692687  -141.862875     -1.646263
5.772883     1.064063    -3191.871

COMB    UEB04 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500     -7.364931
5.772883    -4.382138    -3475.574
 0.25000  426.692687  -277.177524     -5.868080
5.772883    -2.356976    -3383.378
 0.50000  426.692687  -230.637094     -4.416019
5.772883    -0.783366    -3305.656
 0.75000  426.692687  -185.532211     -3.008746
5.772883     0.352408    -3241.966
 1.00000  426.692687  -141.862875     -1.646263
5.772883     1.064063    -3191.871
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L   F O R C E S

COMB    UEB05 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494     -7.364931
5.772883    -4.382138    -2542.415
 0.25000  302.328660  -284.702517     -5.868080
5.772883    -2.356976    -2447.915
 0.50000  302.328660  -238.162087     -4.416019
5.772883    -0.783366    -2367.888
 0.75000  302.328660  -193.057205     -3.008746
5.772883     0.352408    -2301.894
 1.00000  302.328660  -149.387869     -1.646263
5.772883     1.064063    -2249.494

COMB    UEB05 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494     -7.364931
5.772883    -4.382138    -2542.415
 0.25000  302.328660  -284.702517     -5.868080
5.772883    -2.356976    -2447.915
 0.50000  302.328660  -238.162087     -4.416019
5.772883    -0.783366    -2367.888
 0.75000  302.328660  -193.057205     -3.008746
5.772883     0.352408    -2301.894
 1.00000  302.328660  -149.387869     -1.646263
5.772883     1.064063    -2249.494

COMB    UEB06 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500      5.715491
44.920434  -258.091027    -3475.574
 0.25000  426.692687  -277.177524      5.715491
44.920434  -259.841396    -3383.378
 0.50000  426.692687  -230.637094      5.715491
44.920434  -261.591765    -3305.656
 0.75000  426.692687  -185.532211      5.715491
44.920434  -263.342134    -3241.966
 1.00000  426.692687  -141.862875      5.715491
44.920434  -265.092503    -3191.871

COMB    UEB06 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500      5.715491
44.920434  -258.091027    -3475.574
 0.25000  426.692687  -277.177524      5.715491
44.920434  -259.841396    -3383.378
 0.50000  426.692687  -230.637094      5.715491
44.920434  -261.591765    -3305.656
 0.75000  426.692687  -185.532211      5.715491
44.920434  -263.342134    -3241.966
 1.00000  426.692687  -141.862875      5.715491
44.920434  -265.092503    -3191.871

COMB    UEB07 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500      3.87E-14
3.72E-15    4.33E-13    -3475.574
 0.25000  426.692687  -277.177524      3.29E-14
3.72E-15    4.22E-13    -3383.378
 0.50000  426.692687  -230.637094      2.72E-14
3.72E-15    4.13E-13    -3305.656
 0.75000  426.692687  -185.532211      2.18E-14
3.72E-15    4.05E-13    -3241.966
 1.00000  426.692687  -141.862875      1.65E-14
3.72E-15    3.99E-13    -3191.871

COMB    UEB07 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500      3.87E-14
3.72E-15    4.33E-13    -3475.574
 0.25000  426.692687  -277.177524      3.29E-14
3.72E-15    4.22E-13    -3383.378
 0.50000  426.692687  -230.637094      2.72E-14
3.72E-15    4.13E-13    -3305.656
 0.75000  426.692687  -185.532211      2.18E-14
3.72E-15    4.05E-13    -3241.966
 1.00000  426.692687  -141.862875      1.65E-14
3.72E-15    3.99E-13    -3191.871
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

COMB    UEB08 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494      5.715491
44.920434  -258.091027    -2542.415
 0.25000  302.328660  -284.702517      5.715491
44.920434  -259.841396    -2447.915
 0.50000  302.328660  -238.162087      5.715491
44.920434  -261.591765    -2367.888
 0.75000  302.328660  -193.057205      5.715491
44.920434  -263.342134    -2301.894
 1.00000  302.328660  -149.387869      5.715491
44.920434  -265.092503    -2249.494

COMB    UEB08 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494      5.715491
44.920434  -258.091027    -2542.415
 0.25000  302.328660  -284.702517      5.715491
44.920434  -259.841396    -2447.915
 0.50000  302.328660  -238.162087      5.715491
44.920434  -261.591765    -2367.888
 0.75000  302.328660  -193.057205      5.715491
44.920434  -263.342134    -2301.894
 1.00000  302.328660  -149.387869      5.715491
44.920434  -265.092503    -2249.494

COMB    UEB09 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494      3.98E-14
2.63E-15    3.16E-13    -2542.415
 0.25000  302.328660  -284.702517      3.40E-14
2.63E-15    3.05E-13    -2447.915
 0.50000  302.328660  -238.162087      2.83E-14
2.63E-15    2.95E-13    -2367.888
 0.75000  302.328660  -193.057205      2.29E-14
2.63E-15    2.87E-13    -2301.894
 1.00000  302.328660  -149.387869      1.76E-14
2.63E-15    2.81E-13    -2249.494

COMB    UEB09 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494      3.98E-14
2.63E-15    3.16E-13    -2542.415
 0.25000  302.328660  -284.702517      3.40E-14
2.63E-15    3.05E-13    -2447.915
 0.50000  302.328660  -238.162087      2.83E-14
2.63E-15    2.95E-13    -2367.888
 0.75000  302.328660  -193.057205      2.29E-14
2.63E-15    2.87E-13    -2301.894
 1.00000  302.328660  -149.387869      1.76E-14
2.63E-15    2.81E-13    -2249.494

COMB    UEB10 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569     -8.667664
54.294422  -256.591637    -2415.294
 0.25000  287.212227  -270.467391     -5.789105
54.294422  -254.380142    -2325.519
 0.50000  287.212227  -226.253983     -2.996680
54.294422  -253.037017    -2249.494
 0.75000  287.212227  -183.404344     -0.290387
54.294422  -252.535883    -2186.800
 1.00000  287.212227  -141.918475      2.329773
54.294422  -252.850363    -2137.019

COMB    UEB10 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569     -8.667664
54.294422  -256.591637    -2415.294
 0.25000  287.212227  -270.467391     -5.789105
54.294422  -254.380142    -2325.519
 0.50000  287.212227  -226.253983     -2.996680
54.294422  -253.037017    -2249.494
 0.75000  287.212227  -183.404344     -0.290387
54.294422  -252.535883    -2186.800
 1.00000  287.212227  -141.918475      2.329773
54.294422  -252.850363    -2137.019
Program  SAP2000  Nonlinear  Version  7.42
                File:청도1교상행_P11_본체.OUT


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F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    UEB11 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569    -14.163328
11.101697    -8.427188    -2415.294
 0.25000  287.212227  -270.467391    -11.284769
11.101697    -4.532646    -2325.519
 0.50000  287.212227  -226.253983     -8.492344
11.101697    -1.506474    -2249.494
 0.75000  287.212227  -183.404344     -5.786051
11.101697     0.677707    -2186.800
 1.00000  287.212227  -141.918475     -3.165890
11.101697     2.046275    -2137.019

COMB    UEB11 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569    -14.163328
11.101697    -8.427188    -2415.294
 0.25000  287.212227  -270.467391    -11.284769
11.101697    -4.532646    -2325.519
 0.50000  287.212227  -226.253983     -8.492344
11.101697    -1.506474    -2249.494
 0.75000  287.212227  -183.404344     -5.786051
11.101697     0.677707    -2186.800
 1.00000  287.212227  -141.918475     -3.165890
11.101697     2.046275    -2137.019

COMB    UEB12 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  406.793023  -308.808998     -1.586000
48.743573  -252.378043    -3312.562
 0.25000  406.793023  -263.231821     -0.146721
48.743573  -252.113819    -3225.003
 0.50000  406.793023  -219.018412      1.249492
48.743573  -252.283780    -3151.193
 0.75000  406.793023  -176.168774      2.602639
48.743573  -252.874737    -3090.715
 1.00000  406.793023  -134.682905      3.912719
48.743573  -253.873500    -3043.151

COMB    UEB12 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  406.793023  -308.808998     -1.586000
48.743573  -252.378043    -3312.562
 0.25000  406.793023  -263.231821     -0.146721
48.743573  -252.113819    -3225.003
 0.50000  406.793023  -219.018412      1.249492
48.743573  -252.283780    -3151.193
 0.75000  406.793023  -176.168774      2.602639
48.743573  -252.874737    -3090.715
 1.00000  406.793023  -134.682905      3.912719
48.743573  -253.873500    -3043.151

COMB    UEB13 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  406.793023  -308.808998     -7.081664
5.550849    -4.213594    -3312.562
 0.25000  406.793023  -263.231821     -5.642385
5.550849    -2.266323    -3225.003
 0.50000  406.793023  -219.018412     -4.246172
5.550849    -0.753237    -3151.193
 0.75000  406.793023  -176.168774     -2.893025
5.550849     0.338853    -3090.715
 1.00000  406.793023  -134.682905     -1.582945
5.550849     1.023137    -3043.151

COMB    UEB13 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  406.793023  -308.808998     -7.081664
5.550849    -4.213594    -3312.562
 0.25000  406.793023  -263.231821     -5.642385
5.550849    -2.266323    -3225.003
 0.50000  406.793023  -219.018412     -4.246172
5.550849    -0.753237    -3151.193
 0.75000  406.793023  -176.168774     -2.893025
5.550849     0.338853    -3090.715
 1.00000  406.793023  -134.682905     -1.582945
5.550849     1.023137    -3043.151
Program  SAP2000  Nonlinear  Version  7.42
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COMB    UEB14 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569     -1.586000
48.743573  -252.378043    -2415.294
 0.25000  287.212227  -270.467391     -0.146721
48.743573  -252.113819    -2325.519
 0.50000  287.212227  -226.253983      1.249492
48.743573  -252.283780    -2249.494
 0.75000  287.212227  -183.404344      2.602639
48.743573  -252.874737    -2186.800
 1.00000  287.212227  -141.918475      3.912719
48.743573  -253.873500    -2137.019

COMB    UEB14 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569     -1.586000
48.743573  -252.378043    -2415.294
 0.25000  287.212227  -270.467391     -0.146721
48.743573  -252.113819    -2325.519
 0.50000  287.212227  -226.253983      1.249492
48.743573  -252.283780    -2249.494
 0.75000  287.212227  -183.404344      2.602639
48.743573  -252.874737    -2186.800
 1.00000  287.212227  -141.918475      3.912719
48.743573  -253.873500    -2137.019

COMB    UEB15 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569     -7.081664
5.550849    -4.213594    -2415.294
 0.25000  287.212227  -270.467391     -5.642385
5.550849    -2.266323    -2325.519
 0.50000  287.212227  -226.253983     -4.246172
5.550849    -0.753237    -2249.494
 0.75000  287.212227  -183.404344     -2.893025
5.550849     0.338853    -2186.800
 1.00000  287.212227  -141.918475     -1.582945
5.550849     1.023137    -2137.019

COMB    UEB15 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  287.212227  -316.044569     -7.081664
5.550849    -4.213594    -2415.294
 0.25000  287.212227  -270.467391     -5.642385
5.550849    -2.266323    -2325.519
 0.50000  287.212227  -226.253983     -4.246172
5.550849    -0.753237    -2249.494
 0.75000  287.212227  -183.404344     -2.893025
5.550849     0.338853    -2186.800
 1.00000  287.212227  -141.918475     -1.582945
5.550849     1.023137    -2137.019

COMB    UEB16 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494      3.98E-14
2.63E-15    3.16E-13    -2542.415
 0.25000  302.328660  -284.702517      3.40E-14
2.63E-15    3.05E-13    -2447.915
 0.50000  302.328660  -238.162087      2.83E-14
2.63E-15    2.95E-13    -2367.888
 0.75000  302.328660  -193.057205      2.29E-14
2.63E-15    2.87E-13    -2301.894
 1.00000  302.328660  -149.387869      1.76E-14
2.63E-15    2.81E-13    -2249.494

COMB    UEB16 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  302.328660  -332.678494      3.98E-14
2.63E-15    3.16E-13    -2542.415
 0.25000  302.328660  -284.702517      3.40E-14
2.63E-15    3.05E-13    -2447.915
 0.50000  302.328660  -238.162087      2.83E-14
2.63E-15    2.95E-13    -2367.888
 0.75000  302.328660  -193.057205      2.29E-14
2.63E-15    2.87E-13    -2301.894
 1.00000  302.328660  -149.387869      1.76E-14
2.63E-15    2.81E-13    -2249.494
Program  SAP2000  Nonlinear  Version  7.42
                File:청도1교상행_P11_본체.OUT


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COMB    UEB17 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500      3.87E-14
3.72E-15    4.33E-13    -3475.574
 0.25000  426.692687  -277.177524      3.29E-14
3.72E-15    4.22E-13    -3383.378
 0.50000  426.692687  -230.637094      2.72E-14
3.72E-15    4.13E-13    -3305.656
 0.75000  426.692687  -185.532211      2.18E-14
3.72E-15    4.05E-13    -3241.966
 1.00000  426.692687  -141.862875      1.65E-14
3.72E-15    3.99E-13    -3191.871

COMB    UEB17 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  426.692687  -325.153500      3.87E-14
3.72E-15    4.33E-13    -3475.574
 0.25000  426.692687  -277.177524      3.29E-14
3.72E-15    4.22E-13    -3383.378
 0.50000  426.692687  -230.637094      2.72E-14
3.72E-15    4.13E-13    -3305.656
 0.75000  426.692687  -185.532211      2.18E-14
3.72E-15    4.05E-13    -3241.966
 1.00000  426.692687  -141.862875      1.65E-14
3.72E-15    3.99E-13    -3191.871

COMB    UEB18 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  272.095794  -299.410644    -13.596795
10.657629    -8.090100    -2288.173
 0.25000  272.095794  -256.232265    -10.833379
10.657629    -4.351340    -2203.124
 0.50000  272.095794  -214.345879     -8.152650
10.657629    -1.446215    -2131.099
 0.75000  272.095794  -173.751484     -5.554609
10.657629     0.650599    -2071.705
 1.00000  272.095794  -134.449082     -3.039255
10.657629     1.964424    -2024.545

COMB    UEB18 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  272.095794  -299.410644    -13.596795
10.657629    -8.090100    -2288.173
 0.25000  272.095794  -256.232265    -10.833379
10.657629    -4.351340    -2203.124
 0.50000  272.095794  -214.345879     -8.152650
10.657629    -1.446215    -2131.099
 0.75000  272.095794  -173.751484     -5.554609
10.657629     0.650599    -2071.705
 1.00000  272.095794  -134.449082     -3.039255
10.657629     1.964424    -2024.545

COMB    SVO01 ------------------- MAX
```

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		398.007311	-326.321924	3.89E-14
3.47E-15		4.06E-13	-3259.028	
0.25000		398.007311	-278.345947	3.31E-14
3.47E-15		3.95E-13	-3166.475	
0.50000		398.007311	-231.805518	2.74E-14
3.47E-15		3.85E-13	-3088.395	
0.75000		398.007311	-186.700635	2.20E-14
3.47E-15		3.78E-13	-3024.347	
1.00000		398.007311	-143.031299	1.67E-14
3.47E-15		3.72E-13	-2973.894	

COMB SVO01 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		398.007311	-326.321924	3.89E-14
3.47E-15		4.06E-13	-3259.028	
0.25000		398.007311	-278.345947	3.31E-14
3.47E-15		3.95E-13	-3166.475	
0.50000		398.007311	-231.805518	2.74E-14
3.47E-15		3.85E-13	-3088.395	
0.75000		398.007311	-186.700635	2.20E-14
3.47E-15		3.78E-13	-3024.347	
1.00000		398.007311	-143.031299	1.67E-14
3.47E-15		3.72E-13	-2973.894	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO02 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		302.342674	-332.110380	3.97E-14
2.63E-15		3.16E-13	-2541.214	
0.25000		302.342674	-284.134404	3.39E-14
2.63E-15		3.05E-13	-2446.888	
0.50000		302.342674	-237.593974	2.83E-14
2.63E-15		2.95E-13	-2367.035	
0.75000		302.342674	-192.489091	2.28E-14
2.63E-15		2.87E-13	-2301.215	
1.00000		302.342674	-148.819755	1.75E-14
2.63E-15		2.81E-13	-2248.989	

COMB SVO02 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		302.342674	-332.110380	3.97E-14
2.63E-15		3.16E-13	-2541.214	
0.25000		302.342674	-284.134404	3.39E-14
2.63E-15		3.05E-13	-2446.888	
0.50000		302.342674	-237.593974	2.83E-14
2.63E-15		2.95E-13	-2367.035	
0.75000		302.342674	-192.489091	2.28E-14
2.63E-15		2.87E-13	-2301.215	
1.00000		302.342674	-148.819755	1.75E-14
2.63E-15		2.81E-13	-2248.989	

COMB SVO03 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		316.712455	755.203371	-9.23E-14
4.58E-15		4.10E-14	-247.478089	
0.25000		316.712455	803.179348	-9.81E-14
4.58E-15		7.02E-14	-486.142080	
0.50000		316.712455	849.719777	-1.04E-13
4.58E-15		1.01E-13	-739.278895	
0.75000		316.712455	894.824660	-1.09E-13
4.58E-15		1.34E-13	-1006.449	
1.00000		316.712455	938.493996	-1.15E-13
4.58E-15		1.68E-13	-1287.212	

COMB SVO03 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		316.712455	755.203371	-9.23E-14
4.58E-15		4.10E-14	-247.478089	
0.25000		316.712455	803.179348	-9.81E-14
4.58E-15		7.02E-14	-486.142080	
0.50000		316.712455	849.719777	-1.04E-13
4.58E-15		1.01E-13	-739.278895	
0.75000		316.712455	894.824660	-1.09E-13
4.58E-15		1.34E-13	-1006.449	
1.00000		316.712455	938.493996	-1.15E-13
4.58E-15		1.68E-13	-1287.212	

COMB SVO04 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		408.792913	363.296892	-4.49E-14
4.71E-15		2.31E-13	-1803.524	
0.25000		408.792913	411.272868	-5.07E-14
4.71E-15		2.46E-13	-1922.167	
0.50000		408.792913	457.813298	-5.63E-14
4.71E-15		2.62E-13	-2055.282	
0.75000		408.792913	502.918181	-6.18E-14
4.71E-15		2.80E-13	-2202.431	
1.00000		408.792913	546.587517	-6.71E-14
4.71E-15		3.00E-13	-2363.173	

COMB SVO04 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		408.792913	363.296892	-4.49E-14
4.71E-15		2.31E-13	-1803.524	
0.25000		408.792913	411.272868	-5.07E-14
4.71E-15		2.46E-13	-1922.167	
0.50000		408.792913	457.813298	-5.63E-14
4.71E-15		2.62E-13	-2055.282	
0.75000		408.792913	502.918181	-6.18E-14
4.71E-15		2.80E-13	-2202.431	
1.00000		408.792913	546.587517	-6.71E-14
4.71E-15		3.00E-13	-2363.173	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO05 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		313.128276	357.508435	-4.40E-14
3.87E-15		1.42E-13	-1085.710	
0.25000		313.128276	405.484412	-4.98E-14
3.87E-15		1.56E-13	-1202.580	
0.50000		313.128276	452.024841	-5.55E-14
3.87E-15		1.72E-13	-1333.922	
0.75000		313.128276	497.129724	-6.09E-14
3.87E-15		1.90E-13	-1479.298	
1.00000		313.128276	540.799060	-6.62E-14
3.87E-15		2.09E-13	-1638.268	

COMB SVO05 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		313.128276	357.508435	-4.40E-14
3.87E-15		1.42E-13	-1085.710	
0.25000		313.128276	405.484412	-4.98E-14
3.87E-15		1.56E-13	-1202.580	
0.50000		313.128276	452.024841	-5.55E-14
3.87E-15		1.72E-13	-1333.922	
0.75000		313.128276	497.129724	-6.09E-14
3.87E-15		1.90E-13	-1479.298	
1.00000		313.128276	540.799060	-6.62E-14
3.87E-15		2.09E-13	-1638.268	

COMB SVO06 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		330.618468	-328.886662	3.91E-14
3.88E-15		4.52E-13	-3628.632	
0.25000		330.618468	-280.910686	3.33E-14
3.88E-15		4.41E-13	-3535.293	
0.50000		330.618468	-234.370256	2.76E-14
3.88E-15		4.31E-13	-3456.427	
0.75000		330.618468	-189.265373	2.22E-14
3.88E-15		4.24E-13	-3391.595	
1.00000		330.618468	-145.596037	1.69E-14
3.88E-15		4.18E-13	-3340.356	

COMB SVO06 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		330.618468	-328.886662	3.91E-14
3.88E-15		4.52E-13	-3628.632	
0.25000		330.618468	-280.910686	3.33E-14
3.88E-15		4.41E-13	-3535.293	
0.50000		330.618468	-234.370256	2.76E-14
3.88E-15		4.31E-13	-3456.427	
0.75000		330.618468	-189.265373	2.22E-14
3.88E-15		4.24E-13	-3391.595	
1.00000		330.618468	-145.596037	1.69E-14
3.88E-15		4.18E-13	-3340.356	

COMB SVO07 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		398.007311	-326.321924	3.89E-14
3.47E-15		4.06E-13	-3259.028	
0.25000		398.007311	-278.345947	3.31E-14
3.47E-15		3.95E-13	-3166.475	
0.50000		398.007311	-231.805518	2.74E-14
3.47E-15		3.85E-13	-3088.395	
0.75000		398.007311	-186.700635	2.20E-14
3.47E-15		3.78E-13	-3024.347	
1.00000		398.007311	-143.031299	1.67E-14
3.47E-15		3.72E-13	-2973.894	

COMB SVO07 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		398.007311	-326.321924	3.89E-14
3.47E-15		4.06E-13	-3259.028	
0.25000		398.007311	-278.345947	3.31E-14
3.47E-15		3.95E-13	-3166.475	
0.50000		398.007311	-231.805518	2.74E-14
3.47E-15		3.85E-13	-3088.395	
0.75000		398.007311	-186.700635	2.20E-14
3.47E-15		3.78E-13	-3024.347	
1.00000		398.007311	-143.031299	1.67E-14
3.47E-15		3.72E-13	-2973.894	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO08 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		234.953831	-334.675119	4.00E-14
3.04E-15		3.62E-13	-2910.817	
0.25000		234.953831	-286.699142	3.41E-14
3.04E-15		3.51E-13	-2815.706	
0.50000		234.953831	-240.158713	2.85E-14
3.04E-15		3.41E-13	-2735.068	
0.75000		234.953831	-195.053830	2.30E-14
3.04E-15		3.33E-13	-2668.462	
1.00000		234.953831	-151.384494	1.78E-14
3.04E-15		3.27E-13	-2615.451	

COMB SVO08 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		234.953831	-334.675119	4.00E-14
3.04E-15		3.62E-13	-2910.817	
0.25000		234.953831	-286.699142	3.41E-14
3.04E-15		3.51E-13	-2815.706	
0.50000		234.953831	-240.158713	2.85E-14
3.04E-15		3.41E-13	-2735.068	
0.75000		234.953831	-195.053830	2.30E-14
3.04E-15		3.33E-13	-2668.462	
1.00000		234.953831	-151.384494	1.78E-14
3.04E-15		3.27E-13	-2615.451	

COMB SVO09 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		302.342674	-332.110380	3.97E-14
2.63E-15		3.16E-13	-2541.214	
0.25000		302.342674	-284.134404	3.39E-14
2.63E-15		3.05E-13	-2446.888	
0.50000		302.342674	-237.593974	2.83E-14
2.63E-15		2.95E-13	-2367.035	
0.75000		302.342674	-192.489091	2.28E-14
2.63E-15		2.87E-13	-2301.215	
1.00000		302.342674	-148.819755	1.75E-14
2.63E-15		2.81E-13	-2248.989	

COMB SVO09 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		302.342674	-332.110380	3.97E-14
2.63E-15		3.16E-13	-2541.214	
0.25000		302.342674	-284.134404	3.39E-14
2.63E-15		3.05E-13	-2446.888	
0.50000		302.342674	-237.593974	2.83E-14
2.63E-15		2.95E-13	-2367.035	
0.75000		302.342674	-192.489091	2.28E-14
2.63E-15		2.87E-13	-2301.215	
1.00000		302.342674	-148.819755	1.75E-14
2.63E-15		2.81E-13	-2248.989	

COMB SVO10 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		249.323611	752.638633	-9.21E-14
4.99E-15		8.71E-14	-617.081914	
0.25000		249.323611	800.614609	-9.79E-14
4.99E-15		1.16E-13	-854.960453	
0.50000		249.323611	847.155039	-1.04E-13
4.99E-15		1.47E-13	-1107.312	
0.75000		249.323611	892.259922	-1.09E-13
4.99E-15		1.80E-13	-1373.696	
1.00000		249.323611	935.929258	-1.14E-13
4.99E-15		2.14E-13	-1653.674	

COMB SVO10 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		249.323611	752.638633	-9.21E-14
4.99E-15		8.71E-14	-617.081914	
0.25000		249.323611	800.614609	-9.79E-14
4.99E-15		1.16E-13	-854.960453	
0.50000		249.323611	847.155039	-1.04E-13
4.99E-15		1.47E-13	-1107.312	
0.75000		249.323611	892.259922	-1.09E-13
4.99E-15		1.80E-13	-1373.696	
1.00000		249.323611	935.929258	-1.14E-13
4.99E-15		2.14E-13	-1653.674	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO11 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		316.712455	755.203371	-9.23E-14
4.58E-15		4.10E-14	-247.478089	
0.25000		316.712455	803.179348	-9.81E-14
4.58E-15		7.02E-14	-486.142080	
0.50000		316.712455	849.719777	-1.04E-13
4.58E-15		1.01E-13	-739.278895	
0.75000		316.712455	894.824660	-1.09E-13
4.58E-15		1.34E-13	-1006.449	
1.00000		316.712455	938.493996	-1.15E-13
4.58E-15		1.68E-13	-1287.212	

COMB SVO11 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		316.712455	755.203371	-9.23E-14
4.58E-15		4.10E-14	-247.478089	
0.25000		316.712455	803.179348	-9.81E-14
4.58E-15		7.02E-14	-486.142080	
0.50000		316.712455	849.719777	-1.04E-13
4.58E-15		1.01E-13	-739.278895	
0.75000		316.712455	894.824660	-1.09E-13
4.58E-15		1.34E-13	-1006.449	
1.00000		316.712455	938.493996	-1.15E-13
4.58E-15		1.68E-13	-1287.212	

COMB SVO12 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		341.404070	360.732153	-4.47E-14
5.12E-15		2.77E-13	-2173.128	
0.25000		341.404070	408.708130	-5.05E-14
5.12E-15		2.92E-13	-2290.985	
0.50000		341.404070	455.248560	-5.61E-14
5.12E-15		3.08E-13	-2423.315	
0.75000		341.404070	500.353442	-6.16E-14
5.12E-15		3.26E-13	-2569.678	
1.00000		341.404070	544.022778	-6.69E-14
5.12E-15		3.46E-13	-2729.635	

COMB SVO12 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		341.404070	360.732153	-4.47E-14
5.12E-15		2.77E-13	-2173.128	
0.25000		341.404070	408.708130	-5.05E-14
5.12E-15		2.92E-13	-2290.985	
0.50000		341.404070	455.248560	-5.61E-14
5.12E-15		3.08E-13	-2423.315	
0.75000		341.404070	500.353442	-6.16E-14
5.12E-15		3.26E-13	-2569.678	
1.00000		341.404070	544.022778	-6.69E-14
5.12E-15		3.46E-13	-2729.635	

COMB SVO13 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		408.792913	363.296892	-4.49E-14
4.71E-15		2.31E-13	-1803.524	
0.25000		408.792913	411.272868	-5.07E-14
4.71E-15		2.46E-13	-1922.167	
0.50000		408.792913	457.813298	-5.63E-14
4.71E-15		2.62E-13	-2055.282	
0.75000		408.792913	502.918181	-6.18E-14
4.71E-15		2.80E-13	-2202.431	
1.00000		408.792913	546.587517	-6.71E-14
4.71E-15		3.00E-13	-2363.173	

COMB SVO13 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		408.792913	363.296892	-4.49E-14
4.71E-15		2.31E-13	-1803.524	
0.25000		408.792913	411.272868	-5.07E-14
4.71E-15		2.46E-13	-1922.167	
0.50000		408.792913	457.813298	-5.63E-14
4.71E-15		2.62E-13	-2055.282	
0.75000		408.792913	502.918181	-6.18E-14
4.71E-15		2.80E-13	-2202.431	
1.00000		408.792913	546.587517	-6.71E-14
4.71E-15		3.00E-13	-2363.173	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO14 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		245.739433	354.943697	-4.38E-14
4.28E-15		1.88E-13	-1455.314	
0.25000		245.739433	402.919673	-4.96E-14
4.28E-15		2.02E-13	-1571.398	
0.50000		245.739433	449.460103	-5.52E-14
4.28E-15		2.18E-13	-1701.955	
0.75000		245.739433	494.564986	-6.07E-14
4.28E-15		2.36E-13	-1846.546	
1.00000		245.739433	538.234322	-6.60E-14
4.28E-15		2.55E-13	-2004.730	

COMB SVO14 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		245.739433	354.943697	-4.38E-14
4.28E-15		1.88E-13	-1455.314	
0.25000		245.739433	402.919673	-4.96E-14
4.28E-15		2.02E-13	-1571.398	
0.50000		245.739433	449.460103	-5.52E-14
4.28E-15		2.18E-13	-1701.955	
0.75000		245.739433	494.564986	-6.07E-14
4.28E-15		2.36E-13	-1846.546	
1.00000		245.739433	538.234322	-6.60E-14
4.28E-15		2.55E-13	-2004.730	

COMB SVO15 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		313.128276	357.508435	-4.40E-14
3.87E-15		1.42E-13	-1085.710	
0.25000		313.128276	405.484412	-4.98E-14
3.87E-15		1.56E-13	-1202.580	
0.50000		313.128276	452.024841	-5.55E-14
3.87E-15		1.72E-13	-1333.922	
0.75000		313.128276	497.129724	-6.09E-14
3.87E-15		1.90E-13	-1479.298	
1.00000		313.128276	540.799060	-6.62E-14
3.87E-15		2.09E-13	-1638.268	

COMB SVO15 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		313.128276	357.508435	-4.40E-14
3.87E-15		1.42E-13	-1085.710	
0.25000		313.128276	405.484412	-4.98E-14
3.87E-15		1.56E-13	-1202.580	
0.50000		313.128276	452.024841	-5.55E-14
3.87E-15		1.72E-13	-1333.922	
0.75000		313.128276	497.129724	-6.09E-14
3.87E-15		1.90E-13	-1479.298	
1.00000		313.128276	540.799060	-6.62E-14
3.87E-15		2.09E-13	-1638.268	

COMB ULO01 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		598.724446	-419.298313	4.98E-14
5.22E-15		6.04E-13	-4846.879	
0.25000		598.724446	-356.929543	4.22E-14
5.22E-15		5.89E-13	-4728.066	
0.50000		598.724446	-296.426985	3.49E-14
5.22E-15		5.78E-13	-4628.069	
0.75000		598.724446	-237.790637	2.78E-14
5.22E-15		5.68E-13	-4546.314	
1.00000		598.724446	-181.020500	2.09E-14
5.22E-15		5.61E-13	-4482.231	

COMB ULO01 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		598.724446	-419.298313	4.98E-14
5.22E-15		6.04E-13	-4846.879	
0.25000		598.724446	-356.929543	4.22E-14
5.22E-15		5.89E-13	-4728.066	
0.50000		598.724446	-296.426985	3.49E-14
5.22E-15		5.78E-13	-4628.069	
0.75000		598.724446	-237.790637	2.78E-14
5.22E-15		5.68E-13	-4546.314	
1.00000		598.724446	-181.020500	2.09E-14
5.22E-15		5.61E-13	-4482.231	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO02 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		393.045476	-431.743495	5.16E-14
3.41E-15		4.11E-13	-3303.578	
0.25000		393.045476	-369.374725	4.41E-14
3.41E-15		3.96E-13	-3180.954	
0.50000		393.045476	-308.872167	3.68E-14
3.41E-15		3.84E-13	-3077.145	
0.75000		393.045476	-250.235819	2.97E-14
3.41E-15		3.74E-13	-2991.579	
1.00000		393.045476	-193.465682	2.28E-14
3.41E-15		3.66E-13	-2923.685	

COMB ULO02 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		393.045476	-431.743495	5.16E-14
3.41E-15		4.11E-13	-3303.578	
0.25000		393.045476	-369.374725	4.41E-14
3.41E-15		3.96E-13	-3180.954	
0.50000		393.045476	-308.872167	3.68E-14
3.41E-15		3.84E-13	-3077.145	
0.75000		393.045476	-250.235819	2.97E-14
3.41E-15		3.74E-13	-2991.579	
1.00000		393.045476	-193.465682	2.28E-14
3.41E-15		3.66E-13	-2923.685	

COMB ULO03 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		411.726191	981.764383	-1.20E-13
5.96E-15		5.33E-14	-321.721516	
0.25000		411.726191	1044.133	-1.28E-13
5.96E-15		9.13E-14	-631.984704	
0.50000		411.726191	1104.636	-1.35E-13
5.96E-15		1.31E-13	-961.062563	
0.75000		411.726191	1163.272	-1.42E-13
5.96E-15		1.74E-13	-1308.384	
1.00000		411.726191	1220.042	-1.49E-13
5.96E-15		2.18E-13	-1673.376	

COMB ULO03 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		411.726191	981.764383	-1.20E-13
5.96E-15		5.33E-14	-321.721516	
0.25000		411.726191	1044.133	-1.28E-13
5.96E-15		9.13E-14	-631.984704	
0.50000		411.726191	1104.636	-1.35E-13
5.96E-15		1.31E-13	-961.062563	
0.75000		411.726191	1163.272	-1.42E-13
5.96E-15		1.74E-13	-1308.384	
1.00000		411.726191	1220.042	-1.49E-13
5.96E-15		2.18E-13	-1673.376	

COMB ULO04 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		531.430787	472.285959	-5.84E-14
6.12E-15		3.00E-13	-2344.581	
0.25000		531.430787	534.654729	-6.59E-14
6.12E-15		3.20E-13	-2498.817	
0.50000		531.430787	595.157287	-7.32E-14
6.12E-15		3.41E-13	-2671.867	
0.75000		531.430787	653.793635	-8.03E-14

6.12E-15 3.64E-13 -2863.160
1.00000 531.430787 710.563772 -8.72E-14
6.12E-15 3.90E-13 -3072.125

COMB ULO04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 531.430787 472.285959 -5.84E-14
6.12E-15 3.00E-13 -2344.581
0.25000 531.430787 534.654729 -6.59E-14
6.12E-15 3.20E-13 -2498.817
0.50000 531.430787 595.157287 -7.32E-14
6.12E-15 3.41E-13 -2671.867
0.75000 531.430787 653.793635 -8.03E-14
6.12E-15 3.64E-13 -2863.160
1.00000 531.430787 710.563772 -8.72E-14
6.12E-15 3.90E-13 -3072.125

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO05 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 407.066759 464.760966 -5.72E-14
5.03E-15 1.84E-13 -1411.423
0.25000 407.066759 527.129735 -6.48E-14
5.03E-15 2.03E-13 -1563.354
0.50000 407.066759 587.632294 -7.21E-14
5.03E-15 2.24E-13 -1734.099
0.75000 407.066759 646.268642 -7.92E-14
5.03E-15 2.47E-13 -1923.088
1.00000 407.066759 703.038778 -8.61E-14
5.03E-15 2.72E-13 -2129.748

COMB ULO05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 407.066759 464.760966 -5.72E-14
5.03E-15 1.84E-13 -1411.423
0.25000 407.066759 527.129735 -6.48E-14
5.03E-15 2.03E-13 -1563.354
0.50000 407.066759 587.632294 -7.21E-14
5.03E-15 2.24E-13 -1734.099
0.75000 407.066759 646.268642 -7.92E-14
5.03E-15 2.47E-13 -1923.088
1.00000 407.066759 703.038778 -8.61E-14
5.03E-15 2.72E-13 -2129.748

COMB ULO06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 429.804008 -427.552661 5.08E-14
5.04E-15 5.87E-13 -4717.221
0.25000 429.804008 -365.183892 4.33E-14
5.04E-15 5.73E-13 -4595.881
0.50000 429.804008 -304.681333 3.59E-14
5.04E-15 5.61E-13 -4493.356
0.75000 429.804008 -246.044985 2.88E-14
5.04E-15 5.51E-13 -4409.073
1.00000 429.804008 -189.274849 2.20E-14
5.04E-15 5.43E-13 -4342.463

COMB ULO06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 429.804008 -427.552661 5.08E-14
5.04E-15 5.87E-13 -4717.221
0.25000 429.804008 -365.183892 4.33E-14
5.04E-15 5.73E-13 -4595.881
0.50000 429.804008 -304.681333 3.59E-14
5.04E-15 5.61E-13 -4493.356
0.75000 429.804008 -246.044985 2.88E-14
5.04E-15 5.51E-13 -4409.073
1.00000 429.804008 -189.274849 2.20E-14
5.04E-15 5.43E-13 -4342.463

COMB ULO07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -424.218501 5.05E-14
4.51E-15 5.27E-13 -4236.736
0.25000 517.409504 -361.849732 4.30E-14
4.51E-15 5.13E-13 -4116.417
0.50000 517.409504 -301.347173 3.56E-14
4.51E-15 5.01E-13 -4014.913
0.75000 517.409504 -242.710825 2.85E-14
4.51E-15 4.91E-13 -3931.652
1.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062

COMB ULO07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -424.218501 5.05E-14
4.51E-15 5.27E-13 -4236.736
0.25000 517.409504 -361.849732 4.30E-14
4.51E-15 5.13E-13 -4116.417
0.50000 517.409504 -301.347173 3.56E-14
4.51E-15 5.01E-13 -4014.913
0.75000 517.409504 -242.710825 2.85E-14
4.51E-15 4.91E-13 -3931.652
1.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 305.439980 -435.077655 5.19E-14
3.95E-15 4.71E-13 -3784.063
0.25000 305.439980 -372.708885 4.44E-14
3.95E-15 4.56E-13 -3660.418
0.50000 305.439980 -312.206327 3.71E-14
3.95E-15 4.43E-13 -3555.588
0.75000 305.439980 -253.569979 3.00E-14
3.95E-15 4.33E-13 -3469.001
1.00000 305.439980 -196.799842 2.31E-14
3.95E-15 4.25E-13 -3400.086

COMB ULO08 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 305.439980 -435.077655 5.19E-14
3.95E-15 4.71E-13 -3784.063
0.25000 305.439980 -372.708885 4.44E-14
3.95E-15 4.56E-13 -3660.418
0.50000 305.439980 -312.206327 3.71E-14
3.95E-15 4.43E-13 -3555.588
0.75000 305.439980 -253.569979 3.00E-14
3.95E-15 4.33E-13 -3469.001
1.00000 305.439980 -196.799842 2.31E-14
3.95E-15 4.25E-13 -3400.086

COMB ULO09 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -431.743495 5.16E-14
3.41E-15 4.11E-13 -3303.578
0.25000 393.045476 -369.374725 4.41E-14
3.41E-15 3.96E-13 -3180.954
0.50000 393.045476 -308.872167 3.68E-14
3.41E-15 3.84E-13 -3077.145
0.75000 393.045476 -250.235819 2.97E-14
3.41E-15 3.74E-13 -2991.579
1.00000 393.045476 -193.465682 2.28E-14
3.41E-15 3.66E-13 -2923.685

COMB ULO09 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -431.743495 5.16E-14
3.41E-15 4.11E-13 -3303.578
0.25000 393.045476 -369.374725 4.41E-14
3.41E-15 3.96E-13 -3180.954
0.50000 393.045476 -308.872167 3.68E-14
3.41E-15 3.84E-13 -3077.145
0.75000 393.045476 -250.235819 2.97E-14
3.41E-15 3.74E-13 -2991.579
1.00000 393.045476 -193.465682 2.28E-14
3.41E-15 3.66E-13 -2923.685

COMB ULO10 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 311.654514 940.798291 -1.15E-13
6.24E-15 1.09E-13 -771.352393
0.25000 311.654514 1000.768 -1.22E-13
6.24E-15 1.45E-13 -1068.701
0.50000 311.654514 1058.944 -1.29E-13
6.24E-15 1.84E-13 -1384.140
0.75000 311.654514 1115.325 -1.36E-13
6.24E-15 2.25E-13 -1717.120
1.00000 311.654514 1169.912 -1.43E-13
6.24E-15 2.67E-13 -2067.093

COMB ULO10 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 311.654514 940.798291 -1.15E-13
6.24E-15 1.09E-13 -771.352393
0.25000 311.654514 1000.768 -1.22E-13
6.24E-15 1.45E-13 -1068.701
0.50000 311.654514 1058.944 -1.29E-13
6.24E-15 1.84E-13 -1384.140
0.75000 311.654514 1115.325 -1.36E-13
6.24E-15 2.25E-13 -1717.120
1.00000 311.654514 1169.912 -1.43E-13
6.24E-15 2.67E-13 -2067.093
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO11 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 395.890568 944.004214 -1.15E-13
5.73E-15 5.13E-14 -309.347612
0.25000 395.890568 1003.974 -1.23E-13
5.73E-15 8.77E-14 -607.677600
0.50000 395.890568 1062.150 -1.30E-13
5.73E-15 1.26E-13 -924.098618
0.75000 395.890568 1118.531 -1.37E-13
5.73E-15 1.67E-13 -1258.061
1.00000 395.890568 1173.117 -1.43E-13
5.73E-15 2.10E-13 -1609.016

COMB ULO11 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 395.890568 944.004214 -1.15E-13
5.73E-15 5.13E-14 -309.347612
0.25000 395.890568 1003.974 -1.23E-13
5.73E-15 8.77E-14 -607.677600
0.50000 395.890568 1062.150 -1.30E-13
5.73E-15 1.26E-13 -924.098618
0.75000 395.890568 1118.531 -1.37E-13
5.73E-15 1.67E-13 -1258.061
1.00000 395.890568 1173.117 -1.43E-13
5.73E-15 2.10E-13 -1609.016

COMB ULO12 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 426.755087 450.915192 -5.58E-14
6.40E-15 3.47E-13 -2716.410
0.25000 426.755087 510.885162 -6.31E-14
6.40E-15 3.65E-13 -2863.732
0.50000 426.755087 569.060699 -7.01E-14
6.40E-15 3.85E-13 -3029.144
0.75000 426.755087 625.441803 -7.70E-14
6.40E-15 4.08E-13 -3212.098
1.00000 426.755087 680.028473 -8.36E-14
6.40E-15 4.32E-13 -3412.044

COMB ULO12 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 426.755087 450.915192 -5.58E-14
6.40E-15 3.47E-13 -2716.410
0.25000 426.755087 510.885162 -6.31E-14
6.40E-15 3.65E-13 -2863.732
0.50000 426.755087 569.060699 -7.01E-14
6.40E-15 3.85E-13 -3029.144
0.75000 426.755087 625.441803 -7.70E-14
6.40E-15 4.08E-13 -3212.098
1.00000 426.755087 680.028473 -8.36E-14
6.40E-15 4.32E-13 -3412.044

COMB ULO13 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 510.991141 454.121115 -5.61E-14
5.88E-15 2.89E-13 -2254.405
0.25000 510.991141 514.091085 -6.34E-14
5.88E-15 3.07E-13 -2402.709
0.50000 510.991141 572.266623 -7.04E-14
5.88E-15 3.28E-13 -2569.103
0.75000 510.991141 628.647726 -7.72E-14
5.88E-15 3.50E-13 -2753.039
1.00000 510.991141 683.234396 -8.39E-14
5.88E-15 3.75E-13 -2953.966

COMB ULO13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 510.991141 454.121115 -5.61E-14
5.88E-15 2.89E-13 -2254.405
0.25000 510.991141 514.091085 -6.34E-14
5.88E-15 3.07E-13 -2402.709
0.50000 510.991141 572.266623 -7.04E-14
5.88E-15 3.28E-13 -2569.103
0.75000 510.991141 628.647726 -7.72E-14
5.88E-15 3.50E-13 -2753.039
1.00000 510.991141 683.234396 -8.39E-14
5.88E-15 3.75E-13 -2953.966
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 307.174291 443.679621 -5.47E-14
5.34E-15 2.35E-13 -1819.142
0.25000 307.174291 503.649592 -6.20E-14
5.34E-15 2.52E-13 -1964.248
0.50000 307.174291 561.825129 -6.91E-14
5.34E-15 2.72E-13 -2127.444
0.75000 307.174291 618.206232 -7.59E-14
5.34E-15 2.95E-13 -2308.182
1.00000 307.174291 672.792902 -8.25E-14
5.34E-15 3.19E-13 -2505.912

COMB ULO14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 307.174291 443.679621 -5.47E-14
5.34E-15 2.35E-13 -1819.142
0.25000 307.174291 503.649592 -6.20E-14
5.34E-15 2.52E-13 -1964.248
0.50000 307.174291 561.825129 -6.91E-14
5.34E-15 2.72E-13 -2127.444
0.75000 307.174291 618.206232 -7.59E-14
5.34E-15 2.95E-13 -2308.182
1.00000 307.174291 672.792902 -8.25E-14
5.34E-15 3.19E-13 -2505.912

COMB ULO15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 391.410345 446.885544 -5.50E-14
4.83E-15 1.77E-13 -1357.137
0.25000 391.410345 506.855515 -6.23E-14
4.83E-15 1.95E-13 -1503.225
0.50000 391.410345 565.031052 -6.93E-14
4.83E-15 2.15E-13 -1667.403
0.75000 391.410345 621.412155 -7.62E-14
4.83E-15 2.37E-13 -1849.123
1.00000 391.410345 675.998825 -8.28E-14
4.83E-15 2.62E-13 -2047.835

COMB ULO15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 391.410345 446.885544 -5.50E-14
4.83E-15 1.77E-13 -1357.137
0.25000 391.410345 506.855515 -6.23E-14
4.83E-15 1.95E-13 -1503.225
0.50000 391.410345 565.031052 -6.93E-14
4.83E-15 2.15E-13 -1667.403
0.75000 391.410345 621.412155 -7.62E-14
4.83E-15 2.37E-13 -1849.123
1.00000 391.410345 675.998825 -8.28E-14
4.83E-15 2.62E-13 -2047.835

COMB ULO16 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 302.342674 -332.110380 3.97E-14
2.63E-15 3.16E-13 -2541.214
0.25000 302.342674 -284.134404 3.39E-14
2.63E-15 3.05E-13 -2446.888
0.50000 302.342674 -237.593974 2.83E-14
2.63E-15 2.95E-13 -2367.035
0.75000 302.342674 -192.489091 2.28E-14
2.63E-15 2.87E-13 -2301.215
1.00000 302.342674 -148.819755 1.75E-14
2.63E-15 2.81E-13 -2248.989

COMB ULO16 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 302.342674 -332.110380 3.97E-14
2.63E-15 3.16E-13 -2541.214
0.25000 302.342674 -284.134404 3.39E-14
2.63E-15 3.05E-13 -2446.888
0.50000 302.342674 -237.593974 2.83E-14
2.63E-15 2.95E-13 -2367.035
0.75000 302.342674 -192.489091 2.28E-14
2.63E-15 2.87E-13 -2301.215
1.00000 302.342674 -148.819755 1.75E-14
2.63E-15 2.81E-13 -2248.989
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO17 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -424.218501 5.05E-14
4.51E-15 5.27E-13 -4236.736
0.25000 517.409504 -361.849732 4.30E-14
4.51E-15 5.13E-13 -4116.417
0.50000 517.409504 -301.347173 3.56E-14
4.51E-15 5.01E-13 -4014.913
0.75000 517.409504 -242.710825 2.85E-14
4.51E-15 4.91E-13 -3931.652
1.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062

COMB ULO17 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -424.218501 5.05E-14
4.51E-15 5.27E-13 -4236.736
0.25000 517.409504 -361.849732 4.30E-14
4.51E-15 5.13E-13 -4116.417
0.50000 517.409504 -301.347173 3.56E-14
4.51E-15 5.01E-13 -4014.913
0.75000 517.409504 -242.710825 2.85E-14
4.51E-15 4.91E-13 -3931.652
1.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062

COMB ULO18 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 380.054946 906.244045 -1.11E-13
5.50E-15 4.92E-14 -296.973707
0.25000 380.054946 963.815217 -1.18E-13
5.50E-15 8.42E-14 -583.370496
0.50000 380.054946 1019.664 -1.25E-13
5.50E-15 1.21E-13 -887.134673
0.75000 380.054946 1073.790 -1.31E-13
5.50E-15 1.60E-13 -1207.739
1.00000 380.054946 1126.193 -1.37E-13
5.50E-15 2.02E-13 -1544.655

COMB ULO18 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 380.054946 906.244045 -1.11E-13
5.50E-15 4.92E-14 -296.973707
0.25000 380.054946 963.815217 -1.18E-13
5.50E-15 8.42E-14 -583.370496
0.50000 380.054946 1019.664 -1.25E-13
5.50E-15 1.21E-13 -887.134673
0.75000 380.054946 1073.790 -1.31E-13
5.50E-15 1.60E-13 -1207.739
1.00000 380.054946 1126.193 -1.37E-13
5.50E-15 2.02E-13 -1544.655

COMB UEO01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 508.025848 -319.494765 3.79E-14
4.43E-15 5.09E-13 -4084.154
0.25000 508.025848 -271.518788 3.20E-14
4.43E-15 4.98E-13 -3993.692
0.50000 508.025848 -224.978359 2.64E-14
4.43E-15 4.89E-13 -3917.702
0.75000 508.025848 -179.873476 2.09E-14
4.43E-15 4.82E-13 -3855.746
1.00000 508.025848 -136.204140 1.57E-14
4.43E-15 4.76E-13 -3807.383

COMB UEO01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 508.025848 -319.494765 3.79E-14
4.43E-15 5.09E-13 -4084.154
0.25000 508.025848 -271.518788 3.20E-14
4.43E-15 4.98E-13 -3993.692
0.50000 508.025848 -224.978359 2.64E-14
4.43E-15 4.89E-13 -3917.702
0.75000 508.025848 -179.873476 2.09E-14
4.43E-15 4.82E-13 -3855.746
1.00000 508.025848 -136.204140 1.57E-14
4.43E-15 4.76E-13 -3807.383
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 302.346879 -331.939947 3.97E-14
2.63E-15 3.16E-13 -2540.853
0.25000 302.346879 -283.963970 3.39E-14
2.63E-15 3.05E-13 -2446.580
0.50000 302.346879 -237.423540 2.83E-14
2.63E-15 2.95E-13 -2366.779
0.75000 302.346879 -192.318657 2.28E-14
2.63E-15 2.87E-13 -2301.011
1.00000 302.346879 -148.649322 1.75E-14
2.63E-15 2.81E-13 -2248.837

COMB UEO02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 302.346879 -331.939947 3.97E-14
2.63E-15 3.16E-13 -2540.853
0.25000 302.346879 -283.963970 3.39E-14
2.63E-15 3.05E-13 -2446.580
0.50000 302.346879 -237.423540 2.83E-14
2.63E-15 2.95E-13 -2366.779
0.75000 302.346879 -192.318657 2.28E-14
2.63E-15 2.87E-13 -2301.011
1.00000 302.346879 -148.649322 1.75E-14
2.63E-15 2.81E-13 -2248.837

COMB UEO03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 321.027593 1081.568 -1.32E-13
5.17E-15 -4.15E-14 441.002951
0.25000 321.027593 1129.544 -1.38E-13
5.17E-15 -2.00E-16 102.389814
0.50000 321.027593 1176.084 -1.43E-13
5.17E-15 4.29E-14 -250.696147
0.75000 321.027593 1221.189 -1.49E-13
5.17E-15 8.76E-14 -617.815297
1.00000 321.027593 1264.859 -1.54E-13
5.17E-15 1.34E-13 -998.527998

COMB UEO03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 321.027593 1081.568 -1.32E-13
5.17E-15 -4.15E-14 441.002951
0.25000 321.027593 1129.544 -1.38E-13
5.17E-15 -2.00E-16 102.389814
0.50000 321.027593 1176.084 -1.43E-13
5.17E-15 4.29E-14 -250.696147
0.75000 321.027593 1221.189 -1.49E-13
5.17E-15 8.76E-14 -617.815297
1.00000 321.027593 1264.859 -1.54E-13
5.17E-15 1.34E-13 -998.527998

COMB UEO04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 440.732189 572.089507 -7.03E-14
5.33E-15 2.06E-13 -1581.857
0.25000 440.732189 620.065484 -7.61E-14
5.33E-15 2.28E-13 -1764.442
0.50000 440.732189 666.605914 -8.17E-14
5.33E-15 2.52E-13 -1961.501
0.75000 440.732189 711.710796 -8.72E-14
5.33E-15 2.78E-13 -2172.592
1.00000 440.732189 755.380132 -9.25E-14
5.33E-15 3.06E-13 -2397.277

COMB UEO04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 440.732189 572.089507 -7.03E-14
5.33E-15 2.06E-13 -1581.857

0.25000	440.732189	620.065484	-7.61E-14
5.33E-15	2.28E-13	-1764.442	
0.50000	440.732189	666.605914	-8.17E-14
5.33E-15	2.52E-13	-1961.501	
0.75000	440.732189	711.710796	-8.72E-14
5.33E-15	2.78E-13	-2172.592	
1.00000	440.732189	755.380132	-9.25E-14
5.33E-15	3.06E-13	-2397.277	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	564.564514	-6.92E-14
4.24E-15	8.91E-14	-648.698324	
0.25000	316.368161	612.540490	-7.50E-14
4.24E-15	1.11E-13	-828.979164	
0.50000	316.368161	659.080920	-8.06E-14
4.24E-15	1.35E-13	-1023.733	
0.75000	316.368161	704.185803	-8.61E-14
4.24E-15	1.61E-13	-1232.520	
1.00000	316.368161	747.855139	-9.14E-14
4.24E-15	1.88E-13	-1454.900	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	564.564514	-6.92E-14
4.24E-15	8.91E-14	-648.698324	
0.25000	316.368161	612.540490	-7.50E-14
4.24E-15	1.11E-13	-828.979164	
0.50000	316.368161	659.080920	-8.06E-14
4.24E-15	1.35E-13	-1023.733	
0.75000	316.368161	704.185803	-8.61E-14
4.24E-15	1.61E-13	-1232.520	
1.00000	316.368161	747.855139	-9.14E-14
4.24E-15	1.88E-13	-1454.900	

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-327.749113	3.89E-14
4.25E-15	4.92E-13	-3954.497	
0.25000	339.105410	-279.773136	3.31E-14
4.25E-15	4.81E-13	-3861.507	
0.50000	339.105410	-233.232707	2.74E-14
4.25E-15	4.72E-13	-3782.989	
0.75000	339.105410	-188.127824	2.20E-14
4.25E-15	4.65E-13	-3718.505	
1.00000	339.105410	-144.458488	1.67E-14
4.25E-15	4.59E-13	-3667.614	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-327.749113	3.89E-14
4.25E-15	4.92E-13	-3954.497	
0.25000	339.105410	-279.773136	3.31E-14
4.25E-15	4.81E-13	-3861.507	
0.50000	339.105410	-233.232707	2.74E-14
4.25E-15	4.72E-13	-3782.989	
0.75000	339.105410	-188.127824	2.20E-14
4.25E-15	4.65E-13	-3718.505	
1.00000	339.105410	-144.458488	1.67E-14
4.25E-15	4.59E-13	-3667.614	

COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	
0.25000	426.710906	-276.438976	3.28E-14
3.72E-15	4.22E-13	-3382.043	
0.50000	426.710906	-229.898547	2.71E-14
3.72E-15	4.12E-13	-3304.546	
0.75000	426.710906	-184.793664	2.17E-14
3.72E-15	4.05E-13	-3241.083	
1.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	
0.25000	426.710906	-276.438976	3.28E-14
3.72E-15	4.22E-13	-3382.043	
0.50000	426.710906	-229.898547	2.71E-14
3.72E-15	4.12E-13	-3304.546	
0.75000	426.710906	-184.793664	2.17E-14
3.72E-15	4.05E-13	-3241.083	
1.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-335.274107	4.00E-14
3.16E-15	3.76E-13	-3021.338	
0.25000	214.741382	-287.298130	3.42E-14
3.16E-15	3.65E-13	-2926.043	
0.50000	214.741382	-240.757700	2.86E-14
3.16E-15	3.55E-13	-2845.222	
0.75000	214.741382	-195.652817	2.31E-14
3.16E-15	3.47E-13	-2778.433	
1.00000	214.741382	-151.983482	1.78E-14
3.16E-15	3.41E-13	-2725.238	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-335.274107	4.00E-14
3.16E-15	3.76E-13	-3021.338	
0.25000	214.741382	-287.298130	3.42E-14
3.16E-15	3.65E-13	-2926.043	
0.50000	214.741382	-240.757700	2.86E-14
3.16E-15	3.55E-13	-2845.222	
0.75000	214.741382	-195.652817	2.31E-14
3.16E-15	3.47E-13	-2778.433	
1.00000	214.741382	-151.983482	1.78E-14
3.16E-15	3.41E-13	-2725.238	

COMB UEO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-331.939947	3.97E-14
2.63E-15	3.16E-13	-2540.853	
0.25000	302.346879	-283.963970	3.39E-14
2.63E-15	3.05E-13	-2446.580	
0.50000	302.346879	-237.423540	2.83E-14
2.63E-15	2.95E-13	-2366.779	
0.75000	302.346879	-192.318657	2.28E-14
2.63E-15	2.87E-13	-2301.011	
1.00000	302.346879	-148.649322	1.75E-14
2.63E-15	2.81E-13	-2248.837	

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-331.939947	3.97E-14
2.63E-15	3.16E-13	-2540.853	
0.25000	302.346879	-283.963970	3.39E-14
2.63E-15	3.05E-13	-2446.580	
0.50000	302.346879	-237.423540	2.83E-14
2.63E-15	2.95E-13	-2366.779	
0.75000	302.346879	-192.318657	2.28E-14
2.63E-15	2.87E-13	-2301.011	
1.00000	302.346879	-148.649322	1.75E-14
2.63E-15	2.81E-13	-2248.837	

COMB UEO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1040.602	-1.27E-13
5.45E-15	1.41E-14	-8.627925	
0.25000	220.955916	1086.179	-1.33E-13
5.45E-15	5.38E-14	-334.326048	
0.50000	220.955916	1130.392	-1.38E-13
5.45E-15	9.53E-14	-673.773355	
0.75000	220.955916	1173.242	-1.43E-13
5.45E-15	1.38E-13	-1026.552	
1.00000	220.955916	1214.728	-1.48E-13
5.45E-15	1.83E-13	-1392.245	

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1040.602	-1.27E-13
5.45E-15	1.41E-14	-8.627925	
0.25000	220.955916	1086.179	-1.33E-13
5.45E-15	5.38E-14	-334.326048	
0.50000	220.955916	1130.392	-1.38E-13
5.45E-15	9.53E-14	-673.773355	
0.75000	220.955916	1173.242	-1.43E-13
5.45E-15	1.38E-13	-1026.552	
1.00000	220.955916	1214.728	-1.48E-13
5.45E-15	1.83E-13	-1392.245	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1043.808	-1.27E-13
4.94E-15	-4.36E-14	453.376855	
0.25000	305.191970	1089.385	-1.33E-13
4.94E-15	-3.71E-15	126.696918	
0.50000	305.191970	1133.598	-1.38E-13
4.94E-15	3.78E-14	-213.732202	
0.75000	305.191970	1176.448	-1.43E-13
4.94E-15	8.09E-14	-567.492852	
1.00000	305.191970	1217.934	-1.48E-13
4.94E-15	1.26E-13	-934.167376	

COMB UEO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1043.808	-1.27E-13
4.94E-15	-4.36E-14	453.376855	
0.25000	305.191970	1089.385	-1.33E-13
4.94E-15	-3.71E-15	126.696918	
0.50000	305.191970	1133.598	-1.38E-13
4.94E-15	3.78E-14	-213.732202	
0.75000	305.191970	1176.448	-1.43E-13
4.94E-15	8.09E-14	-567.492852	
1.00000	305.191970	1217.934	-1.48E-13
4.94E-15	1.26E-13	-934.167376	

COMB UEO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	550.718740	-6.78E-14
5.61E-15	2.52E-13	-1953.686	
0.25000	336.056489	596.295917	-7.33E-14
5.61E-15	2.73E-13	-2129.357	
0.50000	336.056489	640.509326	-7.86E-14
5.61E-15	2.97E-13	-2318.778	
0.75000	336.056489	683.358964	-8.38E-14
5.61E-15	3.21E-13	-2521.530	
1.00000	336.056489	724.844833	-8.88E-14
5.61E-15	3.48E-13	-2737.196	

COMB UEO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	550.718740	-6.78E-14
5.61E-15	2.52E-13	-1953.686	
0.25000	336.056489	596.295917	-7.33E-14
5.61E-15	2.73E-13	-2129.357	
0.50000	336.056489	640.509326	-7.86E-14
5.61E-15	2.97E-13	-2318.778	
0.75000	336.056489	683.358964	-8.38E-14
5.61E-15	3.21E-13	-2521.530	
1.00000	336.056489	724.844833	-8.88E-14
5.61E-15	3.48E-13	-2737.196	

COMB UEO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	553.924663	-6.80E-14
5.10E-15	1.94E-13	-1491.681	
0.25000	420.292543	599.501841	-7.36E-14
5.10E-15	2.16E-13	-1668.334	
0.50000	420.292543	643.715249	-7.89E-14
5.10E-15	2.39E-13	-1858.736	
0.75000	420.292543	686.564887	-8.41E-14
5.10E-15	2.64E-13	-2062.470	
1.00000	420.292543	728.050757	-8.91E-14
5.10E-15	2.91E-13	-2279.118	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	543.483169	-6.67E-14
4.56E-15	1.40E-13	-1056.418	
0.25000	216.475693	589.060347	-7.22E-14
4.56E-15	1.61E-13	-1229.873	
0.50000	216.475693	633.273755	-7.76E-14
4.56E-15	1.84E-13	-1417.078	
0.75000	216.475693	676.123394	-8.27E-14
4.56E-15	2.08E-13	-1617.614	
1.00000	216.475693	717.609263	-8.78E-14
4.56E-15	2.35E-13	-1831.064	

COMB UEO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	543.483169	-6.67E-14
4.56E-15	1.40E-13	-1056.418	
0.25000	216.475693	589.060347	-7.22E-14
4.56E-15	1.61E-13	-1229.873	
0.50000	216.475693	633.273755	-7.76E-14
4.56E-15	1.84E-13	-1417.078	
0.75000	216.475693	676.123394	-8.27E-14
4.56E-15	2.08E-13	-1617.614	
1.00000	216.475693	717.609263	-8.78E-14
4.56E-15	2.35E-13	-1831.064	

COMB UEO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	546.689092	-6.70E-14
4.05E-15	8.20E-14	-594.412832	
0.25000	300.711747	592.266270	-7.25E-14
4.05E-15	1.03E-13	-768.850176	
0.50000	300.711747	636.479678	-7.78E-14
4.05E-15	1.26E-13	-957.036704	
0.75000	300.711747	679.329317	-8.30E-14
4.05E-15	1.51E-13	-1158.555	
1.00000	300.711747	720.815186	-8.81E-14
4.05E-15	1.77E-13	-1372.987	

COMB UEO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	546.689092	-6.70E-14
4.05E-15	8.20E-14	-594.412832	
0.25000	300.711747	592.266270	-7.25E-14
4.05E-15	1.03E-13	-768.850176	
0.50000	300.711747	636.479678	-7.78E-14
4.05E-15	1.26E-13	-957.036704	
0.75000	300.711747	679.329317	-8.30E-14
4.05E-15	1.51E-13	-1158.555	
1.00000	300.711747	720.815186	-8.81E-14
4.05E-15	1.77E-13	-1372.987	

COMB UEO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	
0.25000	302.342674	-284.134404	3.39E-14
2.63E-15	3.05E-13	-2446.888	
0.50000	302.342674	-237.593974	2.83E-14
2.63E-15	2.95E-13	-2367.035	
0.75000	302.342674	-192.489091	2.28E-14
2.63E-15	2.87E-13	-2301.215	
1.00000	302.342674	-148.819755	1.75E-14
2.63E-15	2.81E-13	-2248.989	

COMB UEO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-332.110380	3.97E-14
2.63E-15	3.16E-13	-2541.214	
0.25000	302.342674	-284.134404	3.39E-14
2.63E-15	3.05E-13	-2446.888	
0.50000	302.342674	-237.593974	2.83E-14
2.63E-15	2.95E-13	-2367.035	
0.75000	302.342674	-192.489091	2.28E-14
2.63E-15	2.87E-13	-2301.215	
1.00000	302.342674	-148.819755	1.75E-14
2.63E-15	2.81E-13	-2248.989	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	
0.25000	426.710906	-276.438976	3.28E-14
3.72E-15	4.22E-13	-3382.043	
0.50000	426.710906	-229.898547	2.71E-14
3.72E-15	4.12E-13	-3304.546	
0.75000	426.710906	-184.793664	2.17E-14
3.72E-15	4.05E-13	-3241.083	
1.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-324.414953	3.86E-14
3.72E-15	4.32E-13	-3474.012	
0.25000	426.710906	-276.438976	3.28E-14
3.72E-15	4.22E-13	-3382.043	
0.50000	426.710906	-229.898547	2.71E-14
3.72E-15	4.12E-13	-3304.546	
0.75000	426.710906	-184.793664	2.17E-14
3.72E-15	4.05E-13	-3241.083	
1.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	

COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1006.048	-1.23E-13
4.71E-15	-4.56E-14	465.750760	
0.25000	289.356348	1049.226	-1.28E-13
4.71E-15	-7.22E-15	151.004022	
0.50000	289.356348	1091.112	-1.33E-13
4.71E-15	3.27E-14	-176.768257	
0.75000	289.356348	1131.707	-1.38E-13
4.71E-15	7.42E-14	-517.170407	
1.00000	289.356348	1171.009	-1.43E-13
4.71E-15	1.17E-13	-869.806753	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1006.048	-1.23E-13
4.71E-15	-4.56E-14	465.750760	
0.25000	289.356348	1049.226	-1.28E-13
4.71E-15	-7.22E-15	151.004022	
0.50000	289.356348	1091.112	-1.33E-13
4.71E-15	3.27E-14	-176.768257	
0.75000	289.356348	1131.707	-1.38E-13
4.71E-15	7.42E-14	-517.170407	
1.00000	289.356348	1171.009	-1.43E-13
4.71E-15	1.17E-13	-869.806753	

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-420.036860	4.99E-14
5.22E-15	6.04E-13	-4848.440	
0.25000	598.706226	-357.668091	4.23E-14
5.22E-15	5.90E-13	-4729.402	
0.50000	598.706226	-297.165532	3.50E-14
5.22E-15	5.78E-13	-4629.178	
0.75000	598.706226	-238.529184	2.79E-14
5.22E-15	5.68E-13	-4547.197	
1.00000	598.706226	-181.759048	2.10E-14
5.22E-15	5.61E-13	-4482.888	

COMB ENVBULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-420.036860	4.99E-14
5.22E-15	6.04E-13	-4848.440	
0.25000	598.706226	-357.668091	4.23E-14
5.22E-15	5.90E-13	-4729.402	
0.50000	598.706226	-297.165532	3.50E-14
5.22E-15	5.78E-13	-4629.178	
0.75000	598.706226	-238.529184	2.79E-14
5.22E-15	5.68E-13	-4547.197	
1.00000	598.706226	-181.759048	2.10E-14
5.22E-15	5.61E-13	-4482.888	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVBECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-320.233312	3.98E-14
4.43E-15	5.09E-13	-2542.415	
0.25000	508.007629	-272.257336	3.40E-14
4.43E-15	4.98E-13	-2447.915	
0.50000	508.007629	-225.716906	2.83E-14
4.43E-15	4.89E-13	-2367.888	
0.75000	508.007629	-180.612023	2.29E-14
4.43E-15	4.82E-13	-2301.894	
1.00000	508.007629	-136.942687	1.76E-14
4.43E-15	4.76E-13	-2249.494	

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-332.678494	3.79E-14
2.63E-15	3.16E-13	-4085.716	
0.25000	302.328660	-284.702517	3.21E-14
2.63E-15	3.05E-13	-3995.027	
0.50000	302.328660	-238.162087	2.65E-14
2.63E-15	2.95E-13	-3918.812	
0.75000	302.328660	-193.057205	2.10E-14
2.63E-15	2.87E-13	-3856.629	
1.00000	302.328660	-149.387869	1.57E-14
2.63E-15	2.81E-13	-3808.040	

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-419.298313	4.98E-14
5.22E-15	6.04E-13	-4846.879	
0.25000	598.724446	-356.929543	4.22E-14
5.22E-15	5.89E-13	-4728.066	
0.50000	598.724446	-296.426985	3.49E-14
5.22E-15	5.78E-13	-4628.069	
0.75000	598.724446	-237.790637	2.78E-14
5.22E-15	5.68E-13	-4546.314	
1.00000	598.724446	-181.020500	2.09E-14
5.22E-15	5.61E-13	-4482.231	

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-419.298313	4.98E-14
5.22E-15	6.04E-13	-4846.879	
0.25000	598.724446	-356.929543	4.22E-14
5.22E-15	5.89E-13	-4728.066	
0.50000	598.724446	-296.426985	3.49E-14
5.22E-15	5.78E-13	-4628.069	
0.75000	598.724446	-237.790637	2.78E-14
5.22E-15	5.68E-13	-4546.314	
1.00000	598.724446	-181.020500	2.09E-14
5.22E-15	5.61E-13	-4482.231	

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-319.494765	3.97E-14
4.43E-15	5.09E-13	-2540.853	
0.25000	508.025848	-271.518788	3.39E-14
4.43E-15	4.98E-13	-2446.580	
0.50000	508.025848	-224.978359	2.83E-14
4.43E-15	4.89E-13	-2366.779	
0.75000	508.025848	-179.873476	2.28E-14
4.43E-15	4.82E-13	-2301.011	
1.00000	508.025848	-136.204140	1.75E-14
4.43E-15	4.76E-13	-2248.837	

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-331.939947	3.79E-14
2.63E-15	3.16E-13	-4084.154	
0.25000	302.346879	-283.963970	3.20E-14
2.63E-15	3.05E-13	-3993.692	
0.50000	302.346879	-237.423540	2.64E-14
2.63E-15	2.95E-13	-3917.702	
0.75000	302.346879	-192.318657	2.09E-14
2.63E-15	2.87E-13	-3855.746	
1.00000	302.346879	-148.649322	1.57E-14
2.63E-15	2.81E-13	-3807.383	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 7 ========== LENGTH =
0.500000

LOAD D ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

LOAD L1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.07E-14	-724.905221	
0.25000	95.664637	5.788457	-8.60E-16
8.41E-16	9.08E-14	-725.628778	
0.50000	95.664637	5.788457	-8.60E-16
8.41E-16	9.09E-14	-726.352335	
0.75000	95.664637	5.788457	-8.60E-16
8.41E-16	9.10E-14	-727.075892	
1.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.11E-14	-727.799449	

LOAD W-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.14E-17	-3.14E-16	-2.532712
8.881358	1.637020	2.81E-16	
0.25000	1.14E-17	-2.12E-16	-1.691212
8.881358	1.901015	3.13E-16	
0.50000	1.14E-17	-1.10E-16	-0.849712
8.881358	2.059823	3.34E-16	
0.75000	1.14E-17	-8.28E-18	-0.008212
8.881358	2.113443	3.41E-16	
1.00000	1.14E-17	9.36E-17	0.833288
8.881358	2.061876	3.36E-16	

LOAD G-LO2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.75E-16	4.23E-16	4.396531
34.554180	-203.917310	-2.11E-14	
0.25000	4.75E-16	4.23E-16	4.396531
34.554180	-204.466876	-2.12E-14	
0.50000	4.75E-16	4.23E-16	4.396531
34.554180	-205.016443	-2.12E-14	
0.75000	4.75E-16	4.23E-16	4.396531
34.554180	-205.566009	-2.13E-14	
1.00000	4.75E-16	4.23E-16	4.396531
34.554180	-206.115576	-2.13E-14	

LOAD E-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.369780	1087.314	-1.32E-13
1.96E-15	-1.13E-13	961.776182	
0.25000	14.369780	1087.314	-1.32E-13
1.96E-15	-9.67E-14	825.861963	
0.50000	14.369780	1087.314	-1.32E-13
1.96E-15	-8.02E-14	689.947744	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	14.369780	1087.314	-1.32E-13
1.96E-15	-6.37E-14	554.033525	
1.00000	14.369780	1087.314	-1.32E-13
1.96E-15	-4.72E-14	418.119306	

LOAD WL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.600712	145.961940	-1.77E-14
2.62E-16	-1.53E-14	129.832638	
0.25000	3.600712	145.961940	-1.77E-14
2.62E-16	-1.31E-14	111.587395	
0.50000	3.600712	145.961940	-1.77E-14
2.62E-16	-1.09E-14	93.342153	
0.75000	3.600712	145.961940	-1.77E-14
2.62E-16	-8.64E-15	75.096910	
1.00000	3.600712	145.961940	-1.77E-14
2.62E-16	-6.42E-15	56.851668	

LOAD G-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.58E-14	-366.462020	
0.25000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.58E-14	-366.141428	
0.50000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.58E-14	-365.820835	
0.75000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.57E-14	-365.500243	
1.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.57E-14	-365.179651	

LOAD E-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014015	0.568113	-6.90E-17
1.02E-18	-5.95E-17	0.505335	
0.25000	0.014015	0.568113	-6.90E-17
1.02E-18	-5.09E-17	0.434321	
0.50000	0.014015	0.568113	-6.90E-17
1.02E-18	-4.22E-17	0.363306	
0.75000	0.014015	0.568113	-6.90E-17
1.02E-18	-3.36E-17	0.292292	
1.00000	0.014015	0.568113	-6.90E-17
1.02E-18	-2.50E-17	0.221278	

LOAD COL-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045539	1.846008	-2.24E-16
3.31E-18	-1.93E-16	1.642018	
0.25000	0.045539	1.846008	-2.24E-16
3.31E-18	-1.65E-16	1.411267	
0.50000	0.045539	1.846008	-2.24E-16
3.31E-18	-1.37E-16	1.180516	
0.75000	0.045539	1.846008	-2.24E-16
3.31E-18	-1.09E-16	0.949765	
1.00000	0.045539	1.846008	-2.24E-16
3.31E-18	-8.12E-17	0.719014	

COMB SVB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	1.67E-14
3.47E-15	3.72E-13	-2974.399	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	397.993296	-126.068162	1.46E-14
3.47E-15	3.70E-13	-2957.545	
0.50000	397.993296	-108.536912	1.25E-14
3.47E-15	3.68E-13	-2942.882	
0.75000	397.993296	-91.005662	1.04E-14
3.47E-15	3.67E-13	-2930.411	
1.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	

COMB SVB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	1.67E-14
3.47E-15	3.72E-13	-2974.399	
0.25000	397.993296	-126.068162	1.46E-14
3.47E-15	3.70E-13	-2957.545	
0.50000	397.993296	-108.536912	1.25E-14
3.47E-15	3.68E-13	-2942.882	
0.75000	397.993296	-91.005662	1.04E-14
3.47E-15	3.67E-13	-2930.411	
1.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	

COMB SVB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB SVB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB SVB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-2.532712
8.881358	1.637020	-2249.494	
0.25000	302.328660	-131.856619	-1.691212
8.881358	1.901015	-2231.916	
0.50000	302.328660	-114.325369	-0.849712
8.881358	2.059823	-2216.530	
0.75000	302.328660	-96.794119	-0.008212
8.881358	2.113443	-2203.335	
1.00000	302.328660	-79.262869	0.833288
8.881358	2.061876	-2192.331	

COMB SVB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-2.532712
8.881358	1.637020	-2249.494	
0.25000	302.328660	-131.856619	-1.691212
8.881358	1.901015	-2231.916	
0.50000	302.328660	-114.325369	-0.849712
8.881358	2.059823	-2216.530	
0.75000	302.328660	-96.794119	-0.008212
8.881358	2.113443	-2203.335	
1.00000	302.328660	-79.262869	0.833288
8.881358	2.061876	-2192.331	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	-1.266356
4.440679	0.818510	-2974.399	
0.25000	397.993296	-126.068162	-0.845606
4.440679	0.950508	-2957.545	
0.50000	397.993296	-108.536912	-0.424856
4.440679	1.029911	-2942.882	
0.75000	397.993296	-91.005662	-0.004106
4.440679	1.056722	-2930.411	
1.00000	397.993296	-73.474412	0.416644
4.440679	1.030938	-2920.131	

COMB SVB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	-1.266356
4.440679	0.818510	-2974.399	
0.25000	397.993296	-126.068162	-0.845606
4.440679	0.950508	-2957.545	
0.50000	397.993296	-108.536912	-0.424856
4.440679	1.029911	-2942.882	
0.75000	397.993296	-91.005662	-0.004106
4.440679	1.056722	-2930.411	
1.00000	397.993296	-73.474412	0.416644
4.440679	1.030938	-2920.131	

COMB SVB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-1.266356
4.440679	0.818510	-2249.494	
0.25000	302.328660	-131.856619	-0.845606
4.440679	0.950508	-2231.916	
0.50000	302.328660	-114.325369	-0.424856
4.440679	1.029911	-2216.530	
0.75000	302.328660	-96.794119	-0.004106
4.440679	1.056722	-2203.335	
1.00000	302.328660	-79.262869	0.416644
4.440679	1.030938	-2192.331	

COMB SVB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-1.266356
4.440679	0.818510	-2249.494	
0.25000	302.328660	-131.856619	-0.845606
4.440679	0.950508	-2231.916	
0.50000	302.328660	-114.325369	-0.424856
4.440679	1.029911	-2216.530	
0.75000	302.328660	-96.794119	-0.004106
4.440679	1.056722	-2203.335	
1.00000	302.328660	-79.262869	0.416644
4.440679	1.030938	-2192.331	

COMB SVB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	4.396531
34.554180	-203.917310	-2974.399	
0.25000	397.993296	-126.068162	4.396531
34.554180	-204.466876	-2957.545	
0.50000	397.993296	-108.536912	4.396531
34.554180	-205.016443	-2942.882	
0.75000	397.993296	-91.005662	4.396531
34.554180	-205.566009	-2930.411	
1.00000	397.993296	-73.474412	4.396531
34.554180	-206.115576	-2920.131	

COMB SVB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	4.396531
34.554180	-203.917310	-2974.399	
0.25000	397.993296	-126.068162	4.396531
34.554180	-204.466876	-2957.545	
0.50000	397.993296	-108.536912	4.396531
34.554180	-205.016443	-2942.882	
0.75000	397.993296	-91.005662	4.396531
34.554180	-205.566009	-2930.411	
1.00000	397.993296	-73.474412	4.396531
34.554180	-206.115576	-2920.131	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	1.67E-14
3.47E-15	3.72E-13	-2974.399	
0.25000	397.993296	-126.068162	1.46E-14
3.47E-15	3.70E-13	-2957.545	
0.50000	397.993296	-108.536912	1.25E-14
3.47E-15	3.68E-13	-2942.882	
0.75000	397.993296	-91.005662	1.04E-14
3.47E-15	3.67E-13	-2930.411	
1.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	

COMB SVB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	1.67E-14
3.47E-15	3.72E-13	-2974.399	
0.25000	397.993296	-126.068162	1.46E-14
3.47E-15	3.70E-13	-2957.545	
0.50000	397.993296	-108.536912	1.25E-14
3.47E-15	3.68E-13	-2942.882	
0.75000	397.993296	-91.005662	1.04E-14
3.47E-15	3.67E-13	-2930.411	
1.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	

COMB SVB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	4.396531
34.554180	-203.917310	-2249.494	
0.25000	302.328660	-131.856619	4.396531
34.554180	-204.466876	-2231.916	
0.50000	302.328660	-114.325369	4.396531
34.554180	-205.016443	-2216.530	
0.75000	302.328660	-96.794119	4.396531
34.554180	-205.566009	-2203.335	
1.00000	302.328660	-79.262869	4.396531
34.554180	-206.115576	-2192.331	

COMB SVB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	4.396531
34.554180	-203.917310	-2249.494	
0.25000	302.328660	-131.856619	4.396531
34.554180	-204.466876	-2231.916	
0.50000	302.328660	-114.325369	4.396531
34.554180	-205.016443	-2216.530	
0.75000	302.328660	-96.794119	4.396531
34.554180	-205.566009	-2203.335	
1.00000	302.328660	-79.262869	4.396531
34.554180	-206.115576	-2192.331	

COMB SVB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB SVB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.863819
43.435538	-202.280290	-2249.494	
0.25000	302.328660	-131.856619	2.705319
43.435538	-202.565861	-2231.916	
0.50000	302.328660	-114.325369	3.546819
43.435538	-202.956620	-2216.530	
0.75000	302.328660	-96.794119	4.388319
43.435538	-203.452566	-2203.335	
1.00000	302.328660	-79.262869	5.229819
43.435538	-204.053700	-2192.331	

COMB SVB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.863819
43.435538	-202.280290	-2249.494	
0.25000	302.328660	-131.856619	2.705319
43.435538	-202.565861	-2231.916	
0.50000	302.328660	-114.325369	3.546819
43.435538	-202.956620	-2216.530	
0.75000	302.328660	-96.794119	4.388319
43.435538	-203.452566	-2203.335	
1.00000	302.328660	-79.262869	5.229819
43.435538	-204.053700	-2192.331	

COMB SVB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-2.532712
8.881358	1.637020	-2249.494	
0.25000	302.328660	-131.856619	-1.691212
8.881358	1.901015	-2231.916	
0.50000	302.328660	-114.325369	-0.849712
8.881358	2.059823	-2216.530	
0.75000	302.328660	-96.794119	-0.008212
8.881358	2.113443	-2203.335	
1.00000	302.328660	-79.262869	0.833288
8.881358	2.061876	-2192.331	

COMB SVB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-2.532712
8.881358	1.637020	-2249.494	
0.25000	302.328660	-131.856619	-1.691212
8.881358	1.901015	-2231.916	
0.50000	302.328660	-114.325369	-0.849712
8.881358	2.059823	-2216.530	
0.75000	302.328660	-96.794119	-0.008212
8.881358	2.113443	-2203.335	
1.00000	302.328660	-79.262869	0.833288
8.881358	2.061876	-2192.331	

COMB SVB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	3.130175
38.994859	-203.098800	-2974.399	
0.25000	397.993296	-126.068162	3.550925
38.994859	-203.516369	-2957.545	
0.50000	397.993296	-108.536912	3.971675
38.994859	-203.986531	-2942.882	
0.75000	397.993296	-91.005662	4.392425
38.994859	-204.509288	-2930.411	
1.00000	397.993296	-73.474412	4.813175
38.994859	-205.084638	-2920.131	

COMB SVB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	3.130175
38.994859	-203.098800	-2974.399	
0.25000	397.993296	-126.068162	3.550925
38.994859	-203.516369	-2957.545	
0.50000	397.993296	-108.536912	3.971675
38.994859	-203.986531	-2942.882	
0.75000	397.993296	-91.005662	4.392425
38.994859	-204.509288	-2930.411	
1.00000	397.993296	-73.474412	4.813175
38.994859	-205.084638	-2920.131	

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COMB SVB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-143.599412	-1.266356
4.440679	0.818510	-2974.399	
0.25000	397.993296	-126.068162	-0.845606
4.440679	0.950508	-2957.545	

```
 0.50000    397.993296  -108.536912    -0.424856
 4.440679     1.029911    -2942.882
 0.75000    397.993296   -91.005662    -0.004106
 4.440679     1.056722    -2930.411
 1.00000    397.993296   -73.474412     0.416644
4.440679     1.030938    -2920.131

 COMB    SVB13 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    397.993296  -143.599412    -1.266356
 4.440679     0.818510    -2974.399
 0.25000    397.993296  -126.068162    -0.845606
 4.440679     0.950508    -2957.545
 0.50000    397.993296  -108.536912    -0.424856
 4.440679     1.029911    -2942.882
 0.75000    397.993296   -91.005662    -0.004106
 4.440679     1.056722    -2930.411
 1.00000    397.993296   -73.474412     0.416644
4.440679     1.030938    -2920.131

 COMB    SVB14 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    302.328660  -149.387869     3.130175
38.994859  -203.098800    -2249.494
 0.25000    302.328660  -131.856619     3.550925
38.994859  -203.516369    -2231.916
 0.50000    302.328660  -114.325369     3.971675
38.994859  -203.986531    -2216.530
 0.75000    302.328660   -96.794119     4.392425
38.994859  -204.509288    -2203.335
 1.00000    302.328660   -79.262869     4.813175
38.994859  -205.084638    -2192.331

 COMB    SVB14 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    302.328660  -149.387869     3.130175
38.994859  -203.098800    -2249.494
 0.25000    302.328660  -131.856619     3.550925
38.994859  -203.516369    -2231.916
 0.50000    302.328660  -114.325369     3.971675
38.994859  -203.986531    -2216.530
 0.75000    302.328660   -96.794119     4.392425
38.994859  -204.509288    -2203.335
 1.00000    302.328660   -79.262869     4.813175
38.994859  -205.084638    -2192.331

 COMB    SVB15 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    302.328660  -149.387869    -1.266356
 4.440679     0.818510    -2249.494
 0.25000    302.328660  -131.856619    -0.845606
 4.440679     0.950508    -2231.916
 0.50000    302.328660  -114.325369    -0.424856
 4.440679     1.029911    -2216.530
 0.75000    302.328660   -96.794119    -0.004106
 4.440679     1.056722    -2203.335
 1.00000    302.328660   -79.262869     0.416644
4.440679     1.030938    -2192.331

 COMB    SVB15 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    302.328660  -149.387869    -1.266356
 4.440679     0.818510    -2249.494
 0.25000    302.328660  -131.856619    -0.845606
 4.440679     0.950508    -2231.916
 0.50000    302.328660  -114.325369    -0.424856
 4.440679     1.029911    -2216.530
 0.75000    302.328660   -96.794119    -0.004106
 4.440679     1.056722    -2203.335
 1.00000    302.328660   -79.262869     0.416644
4.440679     1.030938    -2192.331
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 COMB    ULB01 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    598.706226  -181.759048     2.10E-14
 5.22E-15     5.61E-13    -4482.888
 0.25000    598.706226  -158.968423     1.83E-14
 5.22E-15     5.58E-13    -4461.593
 0.50000    598.706226  -136.177798     1.55E-14
 5.22E-15     5.56E-13    -4443.146
 0.75000    598.706226  -113.387173     1.27E-14
 5.22E-15     5.54E-13    -4427.548
 1.00000    598.706226   -90.596548     9.98E-15
 5.22E-15     5.53E-13    -4414.799

 COMB    ULB01 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    598.706226  -181.759048     2.10E-14
 5.22E-15     5.61E-13    -4482.888
 0.25000    598.706226  -158.968423     1.83E-14
 5.22E-15     5.58E-13    -4461.593
 0.50000    598.706226  -136.177798     1.55E-14
 5.22E-15     5.56E-13    -4443.146
 0.75000    598.706226  -113.387173     1.27E-14
 5.22E-15     5.54E-13    -4427.548
 1.00000    598.706226   -90.596548     9.98E-15
 5.22E-15     5.53E-13    -4414.799

 COMB    ULB02 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229     2.29E-14
 3.41E-15     3.66E-13    -2924.342
 0.25000    393.027257  -171.413604     2.01E-14
 3.41E-15     3.63E-13    -2901.491
 0.50000    393.027257  -148.622979     1.74E-14
 3.41E-15     3.61E-13    -2881.489
 0.75000    393.027257  -125.832354     1.46E-14
 3.41E-15     3.59E-13    -2864.335
 1.00000    393.027257  -103.041729     1.18E-14
 3.41E-15     3.57E-13    -2850.031

 COMB    ULB02 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229     2.29E-14
 3.41E-15     3.66E-13    -2924.342
 0.25000    393.027257  -171.413604     2.01E-14
 3.41E-15     3.63E-13    -2901.491
 0.50000    393.027257  -148.622979     1.74E-14
 3.41E-15     3.61E-13    -2881.489
 0.75000    393.027257  -125.832354     1.46E-14
 3.41E-15     3.59E-13    -2864.335
 1.00000    393.027257  -103.041729     1.18E-14
 3.41E-15     3.57E-13    -2850.031

 COMB    ULB03 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229    -3.292526
11.545765    2.128126    -2924.342
 0.25000    393.027257  -171.413604    -2.198576
11.545765    2.471320    -2901.491
 0.50000    393.027257  -148.622979    -1.104626
11.545765    2.677770    -2881.489
 0.75000    393.027257  -125.832354    -0.010676
11.545765    2.747476    -2864.335
 1.00000    393.027257  -103.041729     1.083274
11.545765    2.680439    -2850.031

 COMB    ULB03 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229    -3.292526
11.545765    2.128126    -2924.342
 0.25000    393.027257  -171.413604    -2.198576
11.545765    2.471320    -2901.491
 0.50000    393.027257  -148.622979    -1.104626
11.545765    2.677770    -2881.489
 0.75000    393.027257  -125.832354    -0.010676
11.545765    2.747476    -2864.335
 1.00000    393.027257  -103.041729     1.083274
11.545765    2.680439    -2850.031
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 COMB    ULB04 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    517.391285  -186.679236    -1.646263
 5.772883     1.064063    -3866.719
 0.25000    517.391285  -163.888611    -1.099288
 5.772883     1.235660    -3844.808
 0.50000    517.391285  -141.097986    -0.552313
 5.772883     1.338885    -3825.747
 0.75000    517.391285  -118.307361    -0.005338
 5.772883     1.373738    -3809.534
 1.00000    517.391285   -95.516736     0.541637
5.772883     1.340219    -3796.170

 COMB    ULB04 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    517.391285  -186.679236    -1.646263
 5.772883     1.064063    -3866.719
 0.25000    517.391285  -163.888611    -1.099288
 5.772883     1.235660    -3844.808
 0.50000    517.391285  -141.097986    -0.552313
 5.772883     1.338885    -3825.747
 0.75000    517.391285  -118.307361    -0.005338
 5.772883     1.373738    -3809.534
 1.00000    517.391285   -95.516736     0.541637
5.772883     1.340219    -3796.170

 COMB    ULB05 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229    -1.646263
 5.772883     1.064063    -2924.342
 0.25000    393.027257  -171.413604    -1.099288
 5.772883     1.235660    -2901.491
 0.50000    393.027257  -148.622979    -0.552313
 5.772883     1.338885    -2881.489
 0.75000    393.027257  -125.832354    -0.005338
 5.772883     1.373738    -2864.335
 1.00000    393.027257  -103.041729     0.541637
5.772883     1.340219    -2850.031

 COMB    ULB05 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229    -1.646263
 5.772883     1.064063    -2924.342
 0.25000    393.027257  -171.413604    -1.099288
 5.772883     1.235660    -2901.491
 0.50000    393.027257  -148.622979    -0.552313
 5.772883     1.338885    -2881.489
 0.75000    393.027257  -125.832354    -0.005338
 5.772883     1.373738    -2864.335
 1.00000    393.027257  -103.041729     0.541637
5.772883     1.340219    -2850.031

 COMB    ULB06 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    517.391285  -186.679236     5.715491
44.920434  -265.092503    -3866.719
 0.25000    517.391285  -163.888611     5.715491
44.920434  -265.806939    -3844.808
 0.50000    517.391285  -141.097986     5.715491
44.920434  -266.521376    -3825.747
 0.75000    517.391285  -118.307361     5.715491
44.920434  -267.235812    -3809.534
 1.00000    517.391285   -95.516736     5.715491
44.920434  -267.950248    -3796.170

 COMB    ULB06 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    517.391285  -186.679236     5.715491
44.920434  -265.092503    -3866.719
 0.25000    517.391285  -163.888611     5.715491
44.920434  -265.806939    -3844.808
 0.50000    517.391285  -141.097986     5.715491
44.920434  -266.521376    -3825.747
 0.75000    517.391285  -118.307361     5.715491
44.920434  -267.235812    -3809.534
 1.00000    517.391285   -95.516736     5.715491
44.920434  -267.950248    -3796.170
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 COMB    ULB07 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    517.391285  -186.679236     2.18E-14
 4.51E-15     4.84E-13    -3866.719
 0.25000    517.391285  -163.888611     1.90E-14
 4.51E-15     4.81E-13    -3844.808
 0.50000    517.391285  -141.097986     1.62E-14
 4.51E-15     4.79E-13    -3825.747
 0.75000    517.391285  -118.307361     1.35E-14
 4.51E-15     4.77E-13    -3809.534
 1.00000    517.391285   -95.516736     1.07E-14
 4.51E-15     4.75E-13    -3796.170

 COMB    ULB07 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    517.391285  -186.679236     2.18E-14
 4.51E-15     4.84E-13    -3866.719
 0.25000    517.391285  -163.888611     1.90E-14
 4.51E-15     4.81E-13    -3844.808
 0.50000    517.391285  -141.097986     1.62E-14
 4.51E-15     4.79E-13    -3825.747
 0.75000    517.391285  -118.307361     1.35E-14
 4.51E-15     4.77E-13    -3809.534
 1.00000    517.391285   -95.516736     1.07E-14
 4.51E-15     4.75E-13    -3796.170

 COMB    ULB08 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229     5.715491
44.920434  -265.092503    -2924.342
 0.25000    393.027257  -171.413604     5.715491
44.920434  -265.806939    -2901.491
 0.50000    393.027257  -148.622979     5.715491
44.920434  -266.521376    -2881.489
 0.75000    393.027257  -125.832354     5.715491
44.920434  -267.235812    -2864.335
 1.00000    393.027257  -103.041729     5.715491
44.920434  -267.950248    -2850.031

 COMB    ULB08 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229     5.715491
44.920434  -265.092503    -2924.342
 0.25000    393.027257  -171.413604     5.715491
44.920434  -265.806939    -2901.491
 0.50000    393.027257  -148.622979     5.715491
44.920434  -266.521376    -2881.489
 0.75000    393.027257  -125.832354     5.715491
44.920434  -267.235812    -2864.335
 1.00000    393.027257  -103.041729     5.715491
44.920434  -267.950248    -2850.031

 COMB    ULB09 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229     2.29E-14
 3.41E-15     3.66E-13    -2924.342
 0.25000    393.027257  -171.413604     2.01E-14
 3.41E-15     3.63E-13    -2901.491
 0.50000    393.027257  -148.622979     1.74E-14
 3.41E-15     3.61E-13    -2881.489
 0.75000    393.027257  -125.832354     1.46E-14
 3.41E-15     3.59E-13    -2864.335
 1.00000    393.027257  -103.041729     1.18E-14
 3.41E-15     3.57E-13    -2850.031

 COMB    ULB09 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    393.027257  -194.204229     2.29E-14
 3.41E-15     3.66E-13    -2924.342
 0.25000    393.027257  -171.413604     2.01E-14
 3.41E-15     3.63E-13    -2901.491
 0.50000    393.027257  -148.622979     1.74E-14
 3.41E-15     3.61E-13    -2881.489
 0.75000    393.027257  -125.832354     1.46E-14
 3.41E-15     3.59E-13    -2864.335
 1.00000    393.027257  -103.041729     1.18E-14
 3.41E-15     3.57E-13    -2850.031
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 COMB    ULB10 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836     2.329773
54.294422  -252.850363    -2811.867
 0.25000    377.910824  -164.820773     3.381648
54.294422  -253.207327    -2789.895
 0.50000    377.910824  -142.906711     4.433523
54.294422  -253.695775    -2770.662
 0.75000    377.910824  -120.992648     5.485398
54.294422  -254.315707    -2754.169
 1.00000    377.910824   -99.078586     6.537273
54.294422  -255.067124    -2740.414

 COMB    ULB10 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836     2.329773
54.294422  -252.850363    -2811.867
 0.25000    377.910824  -164.820773     3.381648
54.294422  -253.207327    -2789.895
 0.50000    377.910824  -142.906711     4.433523
54.294422  -253.695775    -2770.662
 0.75000    377.910824  -120.992648     5.485398
54.294422  -254.315707    -2754.169
 1.00000    377.910824   -99.078586     6.537273
54.294422  -255.067124    -2740.414

 COMB    ULB11 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836    -3.165890
11.101697    2.046275    -2811.867
 0.25000    377.910824  -164.820773    -2.114015
11.101697    2.376269    -2789.895
 0.50000    377.910824  -142.906711    -1.062140
11.101697    2.574779    -2770.662
 0.75000    377.910824  -120.992648    -0.010265
11.101697    2.641804    -2754.169
 1.00000    377.910824   -99.078586     1.041610
11.101697    2.577345    -2740.414

 COMB    ULB11 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836    -3.165890
11.101697    2.046275    -2811.867
 0.25000    377.910824  -164.820773    -2.114015
11.101697    2.376269    -2789.895
 0.50000    377.910824  -142.906711    -1.062140
11.101697    2.574779    -2770.662
 0.75000    377.910824  -120.992648    -0.010265
11.101697    2.641804    -2754.169
 1.00000    377.910824   -99.078586     1.041610
11.101697    2.577345    -2740.414

 COMB    ULB12 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    497.491620  -179.499265     3.912719
48.743573  -253.873500    -3717.999
 0.25000    497.491620  -157.585203     4.438656
48.743573  -254.395461    -3696.931
 0.50000    497.491620  -135.671140     4.964594
48.743573  -254.983164    -3678.603
 0.75000    497.491620  -113.757078     5.490531
48.743573  -255.636609    -3663.013
 1.00000    497.491620   -91.843015     6.016469
48.743573  -256.355797    -3650.163

 COMB    ULB12 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    497.491620  -179.499265     3.912719
48.743573  -253.873500    -3717.999
 0.25000    497.491620  -157.585203     4.438656
48.743573  -254.395461    -3696.931
 0.50000    497.491620  -135.671140     4.964594
48.743573  -254.983164    -3678.603
 0.75000    497.491620  -113.757078     5.490531
48.743573  -255.636609    -3663.013
 1.00000    497.491620   -91.843015     6.016469
48.743573  -256.355797    -3650.163
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 COMB    ULB13 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    497.491620  -179.499265    -1.582945
 5.550849     1.023137    -3717.999
 0.25000    497.491620  -157.585203    -1.057008
 5.550849     1.188134    -3696.931
 0.50000    497.491620  -135.671140    -0.531070
 5.550849     1.287389    -3678.603
 0.75000    497.491620  -113.757078    -0.005133
 5.550849     1.320902    -3663.013
 1.00000    497.491620   -91.843015     0.520805
5.550849     1.288673    -3650.163

 COMB    ULB13 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    497.491620  -179.499265    -1.582945
 5.550849     1.023137    -3717.999
 0.25000    497.491620  -157.585203    -1.057008
 5.550849     1.188134    -3696.931
 0.50000    497.491620  -135.671140    -0.531070
 5.550849     1.287389    -3678.603
 0.75000    497.491620  -113.757078    -0.005133
 5.550849     1.320902    -3663.013
 1.00000    497.491620   -91.843015     0.520805
5.550849     1.288673    -3650.163

 COMB    ULB14 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836     3.912719
48.743573  -253.873500    -2811.867
 0.25000    377.910824  -164.820773     4.438656
48.743573  -254.395461    -2789.895
 0.50000    377.910824  -142.906711     4.964594
48.743573  -254.983164    -2770.662
 0.75000    377.910824  -120.992648     5.490531
48.743573  -255.636609    -2754.169
 1.00000    377.910824   -99.078586     6.016469
48.743573  -256.355797    -2740.414

 COMB    ULB14 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836     3.912719
48.743573  -253.873500    -2811.867
 0.25000    377.910824  -164.820773     4.438656
48.743573  -254.395461    -2789.895
 0.50000    377.910824  -142.906711     4.964594
48.743573  -254.983164    -2770.662
 0.75000    377.910824  -120.992648     5.490531
48.743573  -255.636609    -2754.169
 1.00000    377.910824   -99.078586     6.016469
48.743573  -256.355797    -2740.414

 COMB    ULB15 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836    -1.582945
 5.550849     1.023137    -2811.867
 0.25000    377.910824  -164.820773    -1.057008
 5.550849     1.188134    -2789.895
 0.50000    377.910824  -142.906711    -0.531070
 5.550849     1.287389    -2770.662
 0.75000    377.910824  -120.992648    -0.005133
 5.550849     1.320902    -2754.169
 1.00000    377.910824   -99.078586     0.520805
5.550849     1.288673    -2740.414

 COMB    ULB15 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    377.910824  -186.734836    -1.582945
 5.550849     1.023137    -2811.867
 0.25000    377.910824  -164.820773    -1.057008
 5.550849     1.188134    -2789.895
 0.50000    377.910824  -142.906711    -0.531070
 5.550849     1.287389    -2770.662
 0.75000    377.910824  -120.992648    -0.005133
 5.550849     1.320902    -2754.169
 1.00000    377.910824   -99.078586     0.520805
5.550849     1.288673    -2740.414
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 COMB    ULB16 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    302.328660  -149.387869     1.76E-14
 2.63E-15     2.81E-13    -2249.494
 0.25000    302.328660  -131.856619     1.55E-14
 2.63E-15     2.79E-13    -2231.916
 0.50000    302.328660  -114.325369     1.33E-14
 2.63E-15     2.77E-13    -2216.530
 0.75000    302.328660   -96.794119     1.12E-14
 2.63E-15     2.76E-13    -2203.335
 1.00000    302.328660   -79.262869     9.10E-15
 2.63E-15     2.75E-13    -2192.331

 COMB    ULB16 ------------------- MIN

 REL DIST          P          V2          V3
```

T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB ULB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-186.679236	2.18E-14
4.51E-15	4.84E-13	-3866.719	
0.25000	517.391285	-163.888611	1.90E-14
4.51E-15	4.81E-13	-3844.808	
0.50000	517.391285	-141.097986	1.62E-14
4.51E-15	4.79E-13	-3825.747	
0.75000	517.391285	-118.307361	1.35E-14
4.51E-15	4.77E-13	-3809.534	
1.00000	517.391285	-95.516736	1.07E-14
4.51E-15	4.75E-13	-3796.170	

COMB ULB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-186.679236	2.18E-14
4.51E-15	4.84E-13	-3866.719	
0.25000	517.391285	-163.888611	1.90E-14
4.51E-15	4.81E-13	-3844.808	
0.50000	517.391285	-141.097986	1.62E-14
4.51E-15	4.79E-13	-3825.747	
0.75000	517.391285	-118.307361	1.35E-14
4.51E-15	4.77E-13	-3809.534	
1.00000	517.391285	-95.516736	1.07E-14
4.51E-15	4.75E-13	-3796.170	

COMB ULB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	-179.265442	-3.039255
10.657629	1.964424	-2699.393	
0.25000	362.794391	-158.227942	-2.029455
10.657629	2.281218	-2678.299	
0.50000	362.794391	-137.190442	-1.019655
10.657629	2.471788	-2659.836	
0.75000	362.794391	-116.152942	-0.009855
10.657629	2.536132	-2644.002	
1.00000	362.794391	-95.115442	0.999945
10.657629	2.474251	-2630.798	

COMB ULB18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	-179.265442	-3.039255
10.657629	1.964424	-2699.393	
0.25000	362.794391	-158.227942	-2.029455
10.657629	2.281218	-2678.299	
0.50000	362.794391	-137.190442	-1.019655
10.657629	2.471788	-2659.836	
0.75000	362.794391	-116.152942	-0.009855
10.657629	2.536132	-2644.002	
1.00000	362.794391	-95.115442	0.999945
10.657629	2.474251	-2630.798	

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COMB UEB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-136.942687	1.57E-14
4.43E-15	4.76E-13	-3808.040	
0.25000	508.007629	-119.411437	1.36E-14
4.43E-15	4.74E-13	-3792.018	
0.50000	508.007629	-101.880187	1.15E-14
4.43E-15	4.73E-13	-3778.187	
0.75000	508.007629	-84.348937	9.38E-15
4.43E-15	4.72E-13	-3766.548	
1.00000	508.007629	-66.817687	7.25E-15
4.43E-15	4.71E-13	-3757.100	

COMB UEB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-136.942687	1.57E-14
4.43E-15	4.76E-13	-3808.040	
0.25000	508.007629	-119.411437	1.36E-14
4.43E-15	4.74E-13	-3792.018	
0.50000	508.007629	-101.880187	1.15E-14
4.43E-15	4.73E-13	-3778.187	
0.75000	508.007629	-84.348937	9.38E-15
4.43E-15	4.72E-13	-3766.548	
1.00000	508.007629	-66.817687	7.25E-15
4.43E-15	4.71E-13	-3757.100	

COMB UEB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB UEB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB UEB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-3.292526
11.545765	2.128126	-2249.494	
0.25000	302.328660	-131.856619	-2.198576
11.545765	2.471320	-2231.916	
0.50000	302.328660	-114.325369	-1.104626
11.545765	2.677770	-2216.530	
0.75000	302.328660	-96.794119	-0.010676
11.545765	2.747476	-2203.335	
1.00000	302.328660	-79.262869	1.083274
11.545765	2.680439	-2192.331	

COMB UEB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-3.292526
11.545765	2.128126	-2249.494	
0.25000	302.328660	-131.856619	-2.198576
11.545765	2.471320	-2231.916	
0.50000	302.328660	-114.325369	-1.104626
11.545765	2.677770	-2216.530	
0.75000	302.328660	-96.794119	-0.010676
11.545765	2.747476	-2203.335	
1.00000	302.328660	-79.262869	1.083274
11.545765	2.680439	-2192.331	

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COMB UEB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-141.862875	-1.646263
5.772883	1.064063	-3191.871	
0.25000	426.692687	-124.331625	-1.099288
5.772883	1.235660	-3175.234	
0.50000	426.692687	-106.800375	-0.552313
5.772883	1.338885	-3160.788	
0.75000	426.692687	-89.269125	-0.005338
5.772883	1.373738	-3148.534	
1.00000	426.692687	-71.737875	0.541637
5.772883	1.340219	-3138.471	

COMB UEB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-141.862875	-1.646263
5.772883	1.064063	-3191.871	
0.25000	426.692687	-124.331625	-1.099288
5.772883	1.235660	-3175.234	
0.50000	426.692687	-106.800375	-0.552313
5.772883	1.338885	-3160.788	
0.75000	426.692687	-89.269125	-0.005338
5.772883	1.373738	-3148.534	
1.00000	426.692687	-71.737875	0.541637
5.772883	1.340219	-3138.471	

COMB UEB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-1.646263
5.772883	1.064063	-2249.494	
0.25000	302.328660	-131.856619	-1.099288
5.772883	1.235660	-2231.916	
0.50000	302.328660	-114.325369	-0.552313
5.772883	1.338885	-2216.530	
0.75000	302.328660	-96.794119	-0.005338
5.772883	1.373738	-2203.335	
1.00000	302.328660	-79.262869	0.541637
5.772883	1.340219	-2192.331	

COMB UEB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	-1.646263
5.772883	1.064063	-2249.494	
0.25000	302.328660	-131.856619	-1.099288
5.772883	1.235660	-2231.916	
0.50000	302.328660	-114.325369	-0.552313
5.772883	1.338885	-2216.530	
0.75000	302.328660	-96.794119	-0.005338
5.772883	1.373738	-2203.335	
1.00000	302.328660	-79.262869	0.541637
5.772883	1.340219	-2192.331	

COMB UEB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-141.862875	5.715491
44.920434	-265.092503	-3191.871	
0.25000	426.692687	-124.331625	5.715491
44.920434	-265.806939	-3175.234	
0.50000	426.692687	-106.800375	5.715491
44.920434	-266.521376	-3160.788	
0.75000	426.692687	-89.269125	5.715491
44.920434	-267.235812	-3148.534	
1.00000	426.692687	-71.737875	5.715491
44.920434	-267.950248	-3138.471	

COMB UEB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-141.862875	5.715491
44.920434	-265.092503	-3191.871	
0.25000	426.692687	-124.331625	5.715491
44.920434	-265.806939	-3175.234	
0.50000	426.692687	-106.800375	5.715491
44.920434	-266.521376	-3160.788	
0.75000	426.692687	-89.269125	5.715491
44.920434	-267.235812	-3148.534	
1.00000	426.692687	-71.737875	5.715491
44.920434	-267.950248	-3138.471	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-141.862875	1.65E-14
3.72E-15	3.99E-13	-3191.871	
0.25000	426.692687	-124.331625	1.44E-14
3.72E-15	3.97E-13	-3175.234	
0.50000	426.692687	-106.800375	1.22E-14
3.72E-15	3.96E-13	-3160.788	
0.75000	426.692687	-89.269125	1.01E-14
3.72E-15	3.94E-13	-3148.534	
1.00000	426.692687	-71.737875	7.98E-15
3.72E-15	3.93E-13	-3138.471	

COMB UEB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-141.862875	1.65E-14
3.72E-15	3.99E-13	-3191.871	
0.25000	426.692687	-124.331625	1.44E-14
3.72E-15	3.97E-13	-3175.234	
0.50000	426.692687	-106.800375	1.22E-14
3.72E-15	3.96E-13	-3160.788	
0.75000	426.692687	-89.269125	1.01E-14
3.72E-15	3.94E-13	-3148.534	
1.00000	426.692687	-71.737875	7.98E-15
3.72E-15	3.93E-13	-3138.471	

COMB UEB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	5.715491
44.920434	-265.092503	-2249.494	
0.25000	302.328660	-131.856619	5.715491
44.920434	-265.806939	-2231.916	
0.50000	302.328660	-114.325369	5.715491
44.920434	-266.521376	-2216.530	
0.75000	302.328660	-96.794119	5.715491
44.920434	-267.235812	-2203.335	
1.00000	302.328660	-79.262869	5.715491
44.920434	-267.950248	-2192.331	

COMB UEB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	5.715491
44.920434	-265.092503	-2249.494	
0.25000	302.328660	-131.856619	5.715491
44.920434	-265.806939	-2231.916	
0.50000	302.328660	-114.325369	5.715491
44.920434	-266.521376	-2216.530	
0.75000	302.328660	-96.794119	5.715491
44.920434	-267.235812	-2203.335	
1.00000	302.328660	-79.262869	5.715491
44.920434	-267.950248	-2192.331	

COMB UEB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB UEB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

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COMB UEB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	2.329773
54.294422	-252.850363	-2137.019	
0.25000	287.212227	-125.263788	3.381648
54.294422	-253.207327	-2120.320	
0.50000	287.212227	-108.609100	4.433523
54.294422	-253.695775	-2105.703	
0.75000	287.212227	-91.954413	5.485398
54.294422	-254.315707	-2093.168	
1.00000	287.212227	-75.299725	6.537273
54.294422	-255.067124	-2082.715	

COMB UEB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	2.329773
54.294422	-252.850363	-2137.019	
0.25000	287.212227	-125.263788	3.381648
54.294422	-253.207327	-2120.320	
0.50000	287.212227	-108.609100	4.433523
54.294422	-253.695775	-2105.703	
0.75000	287.212227	-91.954413	5.485398
54.294422	-254.315707	-2093.168	
1.00000	287.212227	-75.299725	6.537273
54.294422	-255.067124	-2082.715	

COMB UEB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	-3.165890
11.101697	2.046275	-2137.019	
0.25000	287.212227	-125.263788	-2.114015
11.101697	2.376269	-2120.320	
0.50000	287.212227	-108.609100	-1.062140
11.101697	2.574779	-2105.703	
0.75000	287.212227	-91.954413	-0.010265
11.101697	2.641804	-2093.168	
1.00000	287.212227	-75.299725	1.041610
11.101697	2.577345	-2082.715	

COMB UEB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	-3.165890
11.101697	2.046275	-2137.019	
0.25000	287.212227	-125.263788	-2.114015
11.101697	2.376269	-2120.320	
0.50000	287.212227	-108.609100	-1.062140
11.101697	2.574779	-2105.703	
0.75000	287.212227	-91.954413	-0.010265
11.101697	2.641804	-2093.168	
1.00000	287.212227	-75.299725	1.041610
11.101697	2.577345	-2082.715	

COMB UEB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-134.682905	3.912719
48.743573	-253.873500	-3043.151	
0.25000	406.793023	-118.028217	4.438656
48.743573	-254.395461	-3027.356	
0.50000	406.793023	-101.373530	4.964594
48.743573	-254.983164	-3013.644	
0.75000	406.793023	-84.718842	5.490531
48.743573	-255.636609	-3002.013	
1.00000	406.793023	-68.064155	6.016469
48.743573	-256.355797	-2992.464	

COMB UEB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-134.682905	3.912719
48.743573	-253.873500	-3043.151	
0.25000	406.793023	-118.028217	4.438656
48.743573	-254.395461	-3027.356	
0.50000	406.793023	-101.373530	4.964594
48.743573	-254.983164	-3013.644	
0.75000	406.793023	-84.718842	5.490531
48.743573	-255.636609	-3002.013	
1.00000	406.793023	-68.064155	6.016469
48.743573	-256.355797	-2992.464	

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COMB UEB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-134.682905	-1.582945
5.550849	1.023137	-3043.151	
0.25000	406.793023	-118.028217	-1.057008
5.550849	1.188134	-3027.356	
0.50000	406.793023	-101.373530	-0.531070
5.550849	1.287389	-3013.644	
0.75000	406.793023	-84.718842	-0.005133
5.550849	1.320902	-3002.013	
1.00000	406.793023	-68.064155	0.520805
5.550849	1.288673	-2992.464	

COMB UEB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-134.682905	-1.582945
5.550849	1.023137	-3043.151	
0.25000	406.793023	-118.028217	-1.057008
5.550849	1.188134	-3027.356	
0.50000	406.793023	-101.373530	-0.531070
5.550849	1.287389	-3013.644	
0.75000	406.793023	-84.718842	-0.005133
5.550849	1.320902	-3002.013	
1.00000	406.793023	-68.064155	0.520805
5.550849	1.288673	-2992.464	

COMB UEB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	3.912719
48.743573	-253.873500	-2137.019	
0.25000	287.212227	-125.263788	4.438656
48.743573	-254.395461	-2120.320	
0.50000	287.212227	-108.609100	4.964594
48.743573	-254.983164	-2105.703	
0.75000	287.212227	-91.954413	5.490531
48.743573	-255.636609	-2093.168	
1.00000	287.212227	-75.299725	6.016469
48.743573	-256.355797	-2082.715	

COMB UEB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	3.912719
48.743573	-253.873500	-2137.019	
0.25000	287.212227	-125.263788	4.438656
48.743573	-254.395461	-2120.320	
0.50000	287.212227	-108.609100	4.964594
48.743573	-254.983164	-2105.703	
0.75000	287.212227	-91.954413	5.490531
48.743573	-255.636609	-2093.168	
1.00000	287.212227	-75.299725	6.016469
48.743573	-256.355797	-2082.715	

COMB UEB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	-1.582945
5.550849	1.023137	-2137.019	
0.25000	287.212227	-125.263788	-1.057008
5.550849	1.188134	-2120.320	
0.50000	287.212227	-108.609100	-0.531070
5.550849	1.287389	-2105.703	
0.75000	287.212227	-91.954413	-0.005133
5.550849	1.320902	-2093.168	
1.00000	287.212227	-75.299725	0.520805
5.550849	1.288673	-2082.715	

COMB UEB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-141.918475	-1.582945
5.550849	1.023137	-2137.019	
0.25000	287.212227	-125.263788	-1.057008
5.550849	1.188134	-2120.320	
0.50000	287.212227	-108.609100	-0.531070
5.550849	1.287389	-2105.703	
0.75000	287.212227	-91.954413	-0.005133
5.550849	1.320902	-2093.168	
1.00000	287.212227	-75.299725	0.520805
5.550849	1.288673	-2082.715	

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COMB UEB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	

COMB UEB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.76E-14
2.63E-15	2.81E-13	-2249.494	
0.25000	302.328660	-131.856619	1.55E-14
2.63E-15	2.79E-13	-2231.916	
0.50000	302.328660	-114.325369	1.33E-14
2.63E-15	2.77E-13	-2216.530	
0.75000	302.328660	-96.794119	1.12E-14
2.63E-15	2.76E-13	-2203.335	
1.00000	302.328660	-79.262869	9.10E-15

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2.63E-15    2.75E-13   -2192.331

COMB   UEB17 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   426.692687 -141.862875    1.65E-14
3.72E-15    3.99E-13   -3191.871
0.25000   426.692687 -124.331625    1.44E-14
3.72E-15    3.97E-13   -3175.234
0.50000   426.692687 -106.800375    1.22E-14
3.72E-15    3.96E-13   -3160.788
0.75000   426.692687  -89.269125    1.01E-14
3.72E-15    3.94E-13   -3148.534
1.00000   426.692687  -71.737875    7.98E-15
3.72E-15    3.93E-13   -3138.471

COMB   UEB17 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   426.692687 -141.862875    1.65E-14
3.72E-15    3.99E-13   -3191.871
0.25000   426.692687 -124.331625    1.44E-14
3.72E-15    3.97E-13   -3175.234
0.50000   426.692687 -106.800375    1.22E-14
3.72E-15    3.96E-13   -3160.788
0.75000   426.692687  -89.269125    1.01E-14
3.72E-15    3.94E-13   -3148.534
1.00000   426.692687  -71.737875    7.98E-15
3.72E-15    3.93E-13   -3138.471

COMB   UEB18 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   272.095794 -134.449082   -3.039255
10.657629   1.964424   -2024.545
0.25000   272.095794 -118.670957   -2.029455
10.657629   2.281218   -2008.725
0.50000   272.095794 -102.892832   -1.019655
10.657629   2.471788   -1994.877
0.75000   272.095794  -87.114707   -0.009855
10.657629   2.536132   -1983.001
1.00000   272.095794  -71.336582    0.999945
10.657629   2.474251   -1973.098

COMB   UEB18 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   272.095794 -134.449082   -3.039255
10.657629   1.964424   -2024.545
0.25000   272.095794 -118.670957   -2.029455
10.657629   2.281218   -2008.725
0.50000   272.095794 -102.892832   -1.019655
10.657629   2.471788   -1994.877
0.75000   272.095794  -87.114707   -0.009855
10.657629   2.536132   -1983.001
1.00000   272.095794  -71.336582    0.999945
10.657629   2.474251   -1973.098
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L   F O R C E S

COMB   SVO01 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   398.007311 -143.031299    1.67E-14
3.47E-15    3.72E-13   -2973.894
0.25000   398.007311 -125.500049    1.45E-14
3.47E-15    3.70E-13   -2957.111
0.50000   398.007311 -107.968799    1.24E-14
3.47E-15    3.68E-13   -2942.519
0.75000   398.007311  -90.437549    1.03E-14
3.47E-15    3.67E-13   -2930.118
1.00000   398.007311  -72.906299    8.17E-15
3.47E-15    3.66E-13   -2919.909

COMB   SVO01 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   398.007311 -143.031299    1.67E-14
3.47E-15    3.72E-13   -2973.894
0.25000   398.007311 -125.500049    1.45E-14
3.47E-15    3.70E-13   -2957.111
0.50000   398.007311 -107.968799    1.24E-14
3.47E-15    3.68E-13   -2942.519
0.75000   398.007311  -90.437549    1.03E-14
3.47E-15    3.67E-13   -2930.118
1.00000   398.007311  -72.906299    8.17E-15
3.47E-15    3.66E-13   -2919.909

COMB   SVO02 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   302.342674 -148.819755    1.75E-14
2.63E-15    2.81E-13   -2248.989
0.25000   302.342674 -131.288505    1.54E-14
2.63E-15    2.79E-13   -2231.482
0.50000   302.342674 -113.757255    1.33E-14
2.63E-15    2.77E-13   -2216.167
0.75000   302.342674  -96.226005    1.12E-14
2.63E-15    2.76E-13   -2203.043
1.00000   302.342674  -78.694755    9.03E-15
2.63E-15    2.75E-13   -2192.110

COMB   SVO02 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   302.342674 -148.819755    1.75E-14
2.63E-15    2.81E-13   -2248.989
0.25000   302.342674 -131.288505    1.54E-14
2.63E-15    2.79E-13   -2231.482
0.50000   302.342674 -113.757255    1.33E-14
2.63E-15    2.77E-13   -2216.167
0.75000   302.342674  -96.226005    1.12E-14
2.63E-15    2.76E-13   -2203.043
1.00000   302.342674  -78.694755    9.03E-15
2.63E-15    2.75E-13   -2192.110

COMB   SVO03 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   316.712455   938.493996   -1.15E-13
4.58E-15    1.68E-13   -1287.212
0.25000   316.712455   956.025246   -1.17E-13
4.58E-15    1.82E-13   -1405.620
0.50000   316.712455   973.556496   -1.19E-13
4.58E-15    1.97E-13   -1526.219
0.75000   316.712455   991.087746   -1.21E-13
4.58E-15    2.12E-13   -1649.009
1.00000   316.712455  1008.619    -1.23E-13
4.58E-15    2.27E-13   -1773.991

COMB   SVO03 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   316.712455   938.493996   -1.15E-13
4.58E-15    1.68E-13   -1287.212
0.25000   316.712455   956.025246   -1.17E-13
4.58E-15    1.82E-13   -1405.620
0.50000   316.712455   973.556496   -1.19E-13
4.58E-15    1.97E-13   -1526.219
0.75000   316.712455   991.087746   -1.21E-13
4.58E-15    2.12E-13   -1649.009
1.00000   316.712455  1008.619    -1.23E-13
4.58E-15    2.27E-13   -1773.991
Program   SAP2000   Nonlinear   Version   7.42
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COMB   SVO04 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   408.792913   546.587517   -6.71E-14
4.71E-15    3.00E-13   -2363.173
0.25000   408.792913   564.118767   -6.92E-14
4.71E-15    3.09E-13   -2432.592
0.50000   408.792913   581.650017   -7.13E-14
4.71E-15    3.17E-13   -2504.203
0.75000   408.792913   599.181267   -7.35E-14
4.71E-15    3.26E-13   -2578.005
1.00000   408.792913   616.712517   -7.56E-14
4.71E-15    3.36E-13   -2653.998

COMB   SVO04 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   408.792913   546.587517   -6.71E-14
4.71E-15    3.00E-13   -2363.173
0.25000   408.792913   564.118767   -6.92E-14
4.71E-15    3.09E-13   -2432.592
0.50000   408.792913   581.650017   -7.13E-14
4.71E-15    3.17E-13   -2504.203
0.75000   408.792913   599.181267   -7.35E-14
4.71E-15    3.26E-13   -2578.005
1.00000   408.792913   616.712517   -7.56E-14
4.71E-15    3.36E-13   -2653.998

COMB   SVO05 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   313.128276   540.799060   -6.62E-14
3.87E-15    2.09E-13   -1638.268
0.25000   313.128276   558.330310   -6.84E-14
3.87E-15    2.18E-13   -1706.963
0.50000   313.128276   575.861560   -7.05E-14
3.87E-15    2.26E-13   -1777.850
0.75000   313.128276   593.392810   -7.26E-14
3.87E-15    2.35E-13   -1850.929
1.00000   313.128276   610.924060   -7.47E-14
3.87E-15    2.45E-13   -1926.199

COMB   SVO05 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   313.128276   540.799060   -6.62E-14
3.87E-15    2.09E-13   -1638.268
0.25000   313.128276   558.330310   -6.84E-14
3.87E-15    2.18E-13   -1706.963
0.50000   313.128276   575.861560   -7.05E-14
3.87E-15    2.26E-13   -1777.850
0.75000   313.128276   593.392810   -7.26E-14
3.87E-15    2.35E-13   -1850.929
1.00000   313.128276   610.924060   -7.47E-14
3.87E-15    2.45E-13   -1926.199

COMB   SVO06 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   330.618468 -145.596037    1.69E-14
3.88E-15    4.18E-13   -3340.356
0.25000   330.618468 -128.064787    1.48E-14
3.88E-15    4.16E-13   -3323.252
0.50000   330.618468 -110.533537    1.27E-14
3.88E-15    4.14E-13   -3308.340
0.75000   330.618468  -93.002287    1.05E-14
3.88E-15    4.13E-13   -3295.619
1.00000   330.618468  -75.471037    8.41E-15
3.88E-15    4.11E-13   -3285.089

COMB   SVO06 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   330.618468 -145.596037    1.69E-14
3.88E-15    4.18E-13   -3340.356
0.25000   330.618468 -128.064787    1.48E-14
3.88E-15    4.16E-13   -3323.252
0.50000   330.618468 -110.533537    1.27E-14
3.88E-15    4.14E-13   -3308.340
0.75000   330.618468  -93.002287    1.05E-14
3.88E-15    4.13E-13   -3295.619
1.00000   330.618468  -75.471037    8.41E-15
3.88E-15    4.11E-13   -3285.089
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COMB   SVO07 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   398.007311 -143.031299    1.67E-14
3.47E-15    3.72E-13   -2973.894
0.25000   398.007311 -125.500049    1.45E-14
3.47E-15    3.70E-13   -2957.111
0.50000   398.007311 -107.968799    1.24E-14
3.47E-15    3.68E-13   -2942.519
0.75000   398.007311  -90.437549    1.03E-14
3.47E-15    3.67E-13   -2930.118
1.00000   398.007311  -72.906299    8.17E-15
3.47E-15    3.66E-13   -2919.909

COMB   SVO07 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   398.007311 -143.031299    1.67E-14
3.47E-15    3.72E-13   -2973.894
0.25000   398.007311 -125.500049    1.45E-14
3.47E-15    3.70E-13   -2957.111
0.50000   398.007311 -107.968799    1.24E-14
3.47E-15    3.68E-13   -2942.519
0.75000   398.007311  -90.437549    1.03E-14
3.47E-15    3.67E-13   -2930.118
1.00000   398.007311  -72.906299    8.17E-15
3.47E-15    3.66E-13   -2919.909

COMB   SVO08 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   234.953831 -151.384494    1.78E-14
3.04E-15    3.27E-13   -2615.451
0.25000   234.953831 -133.853244    1.56E-14
3.04E-15    3.25E-13   -2597.623
0.50000   234.953831 -116.321994    1.35E-14
3.04E-15    3.23E-13   -2581.987
0.75000   234.953831  -98.790744    1.14E-14
3.04E-15    3.22E-13   -2568.543
1.00000   234.953831  -81.259494    9.27E-15
3.04E-15    3.20E-13   -2557.290

COMB   SVO08 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   234.953831 -151.384494    1.78E-14
3.04E-15    3.27E-13   -2615.451
0.25000   234.953831 -133.853244    1.56E-14
3.04E-15    3.25E-13   -2597.623
0.50000   234.953831 -116.321994    1.35E-14
3.04E-15    3.23E-13   -2581.987
0.75000   234.953831  -98.790744    1.14E-14
3.04E-15    3.22E-13   -2568.543
1.00000   234.953831  -81.259494    9.27E-15
3.04E-15    3.20E-13   -2557.290

COMB   SVO09 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   302.342674 -148.819755    1.75E-14
2.63E-15    2.81E-13   -2248.989
0.25000   302.342674 -131.288505    1.54E-14
2.63E-15    2.79E-13   -2231.482
0.50000   302.342674 -113.757255    1.33E-14
2.63E-15    2.77E-13   -2216.167
0.75000   302.342674  -96.226005    1.12E-14
2.63E-15    2.76E-13   -2203.043
1.00000   302.342674  -78.694755    9.03E-15
2.63E-15    2.75E-13   -2192.110

COMB   SVO09 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   302.342674 -148.819755    1.75E-14
2.63E-15    2.81E-13   -2248.989
0.25000   302.342674 -131.288505    1.54E-14
2.63E-15    2.79E-13   -2231.482
0.50000   302.342674 -113.757255    1.33E-14
2.63E-15    2.77E-13   -2216.167
0.75000   302.342674  -96.226005    1.12E-14
2.63E-15    2.76E-13   -2203.043
1.00000   302.342674  -78.694755    9.03E-15
2.63E-15    2.75E-13   -2192.110
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COMB   SVO10 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   249.323611   935.929258   -1.14E-13
4.99E-15    2.14E-13   -1653.674
0.25000   249.323611   953.460508   -1.16E-13
4.99E-15    2.28E-13   -1771.761
0.50000   249.323611   970.991758   -1.19E-13
4.99E-15    2.43E-13   -1892.040
0.75000   249.323611   988.523008   -1.21E-13
4.99E-15    2.58E-13   -2014.509
1.00000   249.323611  1006.054    -1.23E-13
4.99E-15    2.73E-13   -2139.170

COMB   SVO10 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   249.323611   935.929258   -1.14E-13
4.99E-15    2.14E-13   -1653.674
0.25000   249.323611   953.460508   -1.16E-13
4.99E-15    2.28E-13   -1771.761
0.50000   249.323611   970.991758   -1.19E-13
4.99E-15    2.43E-13   -1892.040
0.75000   249.323611   988.523008   -1.21E-13
4.99E-15    2.58E-13   -2014.509
1.00000   249.323611  1006.054    -1.23E-13
4.99E-15    2.73E-13   -2139.170

COMB   SVO11 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   316.712455   938.493996   -1.15E-13
4.58E-15    1.68E-13   -1287.212
0.25000   316.712455   956.025246   -1.17E-13
4.58E-15    1.82E-13   -1405.620
0.50000   316.712455   973.556496   -1.19E-13
4.58E-15    1.97E-13   -1526.219
0.75000   316.712455   991.087746   -1.21E-13
4.58E-15    2.12E-13   -1649.009
1.00000   316.712455  1008.619    -1.23E-13
4.58E-15    2.27E-13   -1773.991

COMB   SVO11 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   316.712455   938.493996   -1.15E-13
4.58E-15    1.68E-13   -1287.212
0.25000   316.712455   956.025246   -1.17E-13
4.58E-15    1.82E-13   -1405.620
0.50000   316.712455   973.556496   -1.19E-13
4.58E-15    1.97E-13   -1526.219
0.75000   316.712455   991.087746   -1.21E-13
4.58E-15    2.12E-13   -1649.009
1.00000   316.712455  1008.619    -1.23E-13
4.58E-15    2.27E-13   -1773.991

COMB   SVO12 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   341.404070   544.022778   -6.69E-14
5.12E-15    3.46E-13   -2729.635
0.25000   341.404070   561.554028   -6.90E-14
5.12E-15    3.54E-13   -2798.734
0.50000   341.404070   579.085278   -7.11E-14
5.12E-15    3.63E-13   -2870.024
0.75000   341.404070   596.616528   -7.32E-14
5.12E-15    3.72E-13   -2943.505
1.00000   341.404070   614.147778   -7.53E-14
5.12E-15    3.81E-13   -3019.178
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COMB   SVO13 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   408.792913   546.587517   -6.71E-14
4.71E-15    3.00E-13   -2363.173
0.25000   408.792913   564.118767   -6.92E-14
4.71E-15    3.09E-13   -2432.592
0.50000   408.792913   581.650017   -7.13E-14
4.71E-15    3.17E-13   -2504.203
0.75000   408.792913   599.181267   -7.35E-14
4.71E-15    3.26E-13   -2578.005
1.00000   408.792913   616.712517   -7.56E-14
4.71E-15    3.36E-13   -2653.998

COMB   SVO13 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   408.792913   546.587517   -6.71E-14
4.71E-15    3.00E-13   -2363.173
0.25000   408.792913   564.118767   -6.92E-14
4.71E-15    3.09E-13   -2432.592
0.50000   408.792913   581.650017   -7.13E-14
4.71E-15    3.17E-13   -2504.203
0.75000   408.792913   599.181267   -7.35E-14
4.71E-15    3.26E-13   -2578.005
1.00000   408.792913   616.712517   -7.56E-14
4.71E-15    3.36E-13   -2653.998

COMB   SVO14 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   245.739433   538.234322   -6.60E-14
4.28E-15    2.55E-13   -2004.730
0.25000   245.739433   555.765572   -6.81E-14
4.28E-15    2.64E-13   -2073.105
0.50000   245.739433   573.296822   -7.02E-14
4.28E-15    2.72E-13   -2143.671
0.75000   245.739433   590.828072   -7.24E-14
4.28E-15    2.81E-13   -2216.429
1.00000   245.739433   608.359322   -7.45E-14
4.28E-15    2.90E-13   -2291.378

COMB   SVO14 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   245.739433   538.234322   -6.60E-14
4.28E-15    2.55E-13   -2004.730
0.25000   245.739433   555.765572   -6.81E-14
4.28E-15    2.64E-13   -2073.105
0.50000   245.739433   573.296822   -7.02E-14
4.28E-15    2.72E-13   -2143.671
0.75000   245.739433   590.828072   -7.24E-14
4.28E-15    2.81E-13   -2216.429
1.00000   245.739433   608.359322   -7.45E-14
4.28E-15    2.90E-13   -2291.378

COMB   SVO15 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   313.128276   540.799060   -6.62E-14
3.87E-15    2.09E-13   -1638.268
0.25000   313.128276   558.330310   -6.84E-14
3.87E-15    2.18E-13   -1706.963
0.50000   313.128276   575.861560   -7.05E-14
3.87E-15    2.26E-13   -1777.850
0.75000   313.128276   593.392810   -7.26E-14
3.87E-15    2.35E-13   -1850.929
1.00000   313.128276   610.924060   -7.47E-14
3.87E-15    2.45E-13   -1926.199

COMB   SVO15 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   313.128276   540.799060   -6.62E-14
3.87E-15    2.09E-13   -1638.268
0.25000   313.128276   558.330310   -6.84E-14
3.87E-15    2.18E-13   -1706.963
0.50000   313.128276   575.861560   -7.05E-14
3.87E-15    2.26E-13   -1777.850
0.75000   313.128276   593.392810   -7.26E-14
3.87E-15    2.35E-13   -1850.929
1.00000   313.128276   610.924060   -7.47E-14
3.87E-15    2.45E-13   -1926.199
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L   F O R C E S

COMB   ULO01 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   598.724446 -181.020500    2.09E-14
5.22E-15    5.61E-13   -4482.231
0.25000   598.724446 -158.229875    1.82E-14
5.22E-15    5.58E-13   -4461.028
0.50000   598.724446 -135.439250    1.54E-14
5.22E-15    5.56E-13   -4442.674
0.75000   598.724446 -112.648625    1.27E-14
5.22E-15    5.54E-13   -4427.168
1.00000   598.724446  -89.858000    9.89E-15
5.22E-15    5.53E-13   -4414.512

COMB   ULO01 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   598.724446 -181.020500    2.09E-14
5.22E-15    5.61E-13   -4482.231
0.25000   598.724446 -158.229875    1.82E-14
5.22E-15    5.58E-13   -4461.028
0.50000   598.724446 -135.439250    1.54E-14
5.22E-15    5.56E-13   -4442.674
0.75000   598.724446 -112.648625    1.27E-14
5.22E-15    5.54E-13   -4427.168
1.00000   598.724446  -89.858000    9.89E-15
5.22E-15    5.53E-13   -4414.512

COMB   ULO02 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   393.045476 -193.465682    2.28E-14
3.41E-15    3.66E-13   -2923.685
0.25000   393.045476 -170.675057    2.00E-14
3.41E-15    3.63E-13   -2900.926
```

0.50000 393.045476 -147.884432 1.73E-14
3.41E-15 3.61E-13 -2881.016
0.75000 393.045476 -125.093807 1.45E-14
3.41E-15 3.59E-13 -2863.955
1.00000 393.045476 -102.303182 1.17E-14
3.41E-15 3.57E-13 -2849.743

COMB ULO02 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -193.465682 2.28E-14
3.41E-15 3.66E-13 -2923.685
0.25000 393.045476 -170.675057 2.00E-14
3.41E-15 3.63E-13 -2900.926
0.50000 393.045476 -147.884432 1.73E-14
3.41E-15 3.61E-13 -2881.016
0.75000 393.045476 -125.093807 1.45E-14
3.41E-15 3.59E-13 -2863.955
1.00000 393.045476 -102.303182 1.17E-14
3.41E-15 3.57E-13 -2849.743

COMB ULO03 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 411.726191 1220.042 -1.49E-13
5.96E-15 2.18E-13 -1673.376
0.25000 411.726191 1242.833 -1.52E-13
5.96E-15 2.37E-13 -1827.306
0.50000 411.726191 1265.623 -1.54E-13
5.96E-15 2.56E-13 -1984.084
0.75000 411.726191 1288.414 -1.57E-13
5.96E-15 2.76E-13 -2143.712
1.00000 411.726191 1311.205 -1.60E-13
5.96E-15 2.96E-13 -2306.188

COMB ULO03 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 411.726191 1220.042 -1.49E-13
5.96E-15 2.18E-13 -1673.376
0.25000 411.726191 1242.833 -1.52E-13
5.96E-15 2.37E-13 -1827.306
0.50000 411.726191 1265.623 -1.54E-13
5.96E-15 2.56E-13 -1984.084
0.75000 411.726191 1288.414 -1.57E-13
5.96E-15 2.76E-13 -2143.712
1.00000 411.726191 1311.205 -1.60E-13
5.96E-15 2.96E-13 -2306.188
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO04 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 531.430787 710.563772 -8.72E-14
6.12E-15 3.90E-13 -3072.125
0.25000 531.430787 733.354397 -9.00E-14
6.12E-15 4.01E-13 -3162.370
0.50000 531.430787 756.145022 -9.27E-14
6.12E-15 4.13E-13 -3255.464
0.75000 531.430787 778.935647 -9.55E-14
6.12E-15 4.24E-13 -3351.406
1.00000 531.430787 801.726272 -9.83E-14
6.12E-15 4.36E-13 -3450.198

COMB ULO04 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 531.430787 710.563772 -8.72E-14
6.12E-15 3.90E-13 -3072.125
0.25000 531.430787 733.354397 -9.00E-14
6.12E-15 4.01E-13 -3162.370
0.50000 531.430787 756.145022 -9.27E-14
6.12E-15 4.13E-13 -3255.464
0.75000 531.430787 778.935647 -9.55E-14
6.12E-15 4.24E-13 -3351.406
1.00000 531.430787 801.726272 -9.83E-14
6.12E-15 4.36E-13 -3450.198

COMB ULO05 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 407.066759 703.038778 -8.61E-14
5.03E-15 2.72E-13 -2129.748
0.25000 407.066759 725.829403 -8.89E-14
5.03E-15 2.83E-13 -2219.053
0.50000 407.066759 748.620028 -9.16E-14
5.03E-15 2.94E-13 -2311.206
0.75000 407.066759 771.410653 -9.44E-14
5.03E-15 3.06E-13 -2406.208
1.00000 407.066759 794.201278 -9.71E-14
5.03E-15 3.18E-13 -2504.058

COMB ULO05 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 407.066759 703.038778 -8.61E-14
5.03E-15 2.72E-13 -2129.748
0.25000 407.066759 725.829403 -8.89E-14
5.03E-15 2.83E-13 -2219.053
0.50000 407.066759 748.620028 -9.16E-14
5.03E-15 2.94E-13 -2311.206
0.75000 407.066759 771.410653 -9.44E-14
5.03E-15 3.06E-13 -2406.208
1.00000 407.066759 794.201278 -9.71E-14
5.03E-15 3.18E-13 -2504.058

COMB ULO06 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 429.804008 -189.274849 2.20E-14
5.04E-15 5.43E-13 -4342.463
0.25000 429.804008 -166.484224 1.92E-14
5.04E-15 5.40E-13 -4320.228
0.50000 429.804008 -143.693599 1.64E-14
5.04E-15 5.38E-13 -4300.842
0.75000 429.804008 -120.902974 1.37E-14
5.04E-15 5.36E-13 -4284.304
1.00000 429.804008 -98.112349 1.09E-14
5.04E-15 5.35E-13 -4270.616

COMB ULO06 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 429.804008 -189.274849 2.20E-14
5.04E-15 5.43E-13 -4342.463
0.25000 429.804008 -166.484224 1.92E-14
5.04E-15 5.40E-13 -4320.228
0.50000 429.804008 -143.693599 1.64E-14
5.04E-15 5.38E-13 -4300.842
0.75000 429.804008 -120.902974 1.37E-14
5.04E-15 5.36E-13 -4284.304
1.00000 429.804008 -98.112349 1.09E-14
5.04E-15 5.35E-13 -4270.616
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO07 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062
0.25000 517.409504 -163.150064 1.89E-14
4.51E-15 4.81E-13 -3844.244
0.50000 517.409504 -140.359439 1.61E-14
4.51E-15 4.79E-13 -3825.274
0.75000 517.409504 -117.568814 1.34E-14
4.51E-15 4.77E-13 -3809.154
1.00000 517.409504 -94.778189 1.06E-14
4.51E-15 4.75E-13 -3795.882

COMB ULO07 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062
0.25000 517.409504 -163.150064 1.89E-14
4.51E-15 4.81E-13 -3844.244
0.50000 517.409504 -140.359439 1.61E-14
4.51E-15 4.79E-13 -3825.274
0.75000 517.409504 -117.568814 1.34E-14
4.51E-15 4.77E-13 -3809.154
1.00000 517.409504 -94.778189 1.06E-14
4.51E-15 4.75E-13 -3795.882

COMB ULO08 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 305.439980 -196.799842 2.31E-14
3.95E-15 4.25E-13 -3400.086
0.25000 305.439980 -174.009217 2.03E-14
3.95E-15 4.22E-13 -3376.910
0.50000 305.439980 -151.218592 1.76E-14
3.95E-15 4.20E-13 -3356.584
0.75000 305.439980 -128.427967 1.48E-14
3.95E-15 4.18E-13 -3339.106
1.00000 305.439980 -105.637342 1.20E-14
3.95E-15 4.16E-13 -3324.477

COMB ULO08 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 305.439980 -196.799842 2.31E-14
3.95E-15 4.25E-13 -3400.086
0.25000 305.439980 -174.009217 2.03E-14
3.95E-15 4.22E-13 -3376.910
0.50000 305.439980 -151.218592 1.76E-14
3.95E-15 4.20E-13 -3356.584
0.75000 305.439980 -128.427967 1.48E-14
3.95E-15 4.18E-13 -3339.106
1.00000 305.439980 -105.637342 1.20E-14
3.95E-15 4.16E-13 -3324.477

COMB ULO09 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -193.465682 2.28E-14
3.41E-15 3.66E-13 -2923.685
0.25000 393.045476 -170.675057 2.00E-14
3.41E-15 3.63E-13 -2900.926
0.50000 393.045476 -147.884432 1.73E-14
3.41E-15 3.61E-13 -2881.016
0.75000 393.045476 -125.093807 1.45E-14
3.41E-15 3.59E-13 -2863.955
1.00000 393.045476 -102.303182 1.17E-14
3.41E-15 3.57E-13 -2849.743

COMB ULO09 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -193.465682 2.28E-14
3.41E-15 3.66E-13 -2923.685
0.25000 393.045476 -170.675057 2.00E-14
3.41E-15 3.63E-13 -2900.926
0.50000 393.045476 -147.884432 1.73E-14
3.41E-15 3.61E-13 -2881.016
0.75000 393.045476 -125.093807 1.45E-14
3.41E-15 3.59E-13 -2863.955
1.00000 393.045476 -102.303182 1.17E-14
3.41E-15 3.57E-13 -2849.743
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO10 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 311.654514 1169.912 -1.43E-13
6.24E-15 2.67E-13 -2067.093
0.25000 311.654514 1191.826 -1.46E-13
6.24E-15 2.85E-13 -2214.702
0.50000 311.654514 1213.740 -1.48E-13
6.24E-15 3.04E-13 -2365.050
0.75000 311.654514 1235.654 -1.51E-13
6.24E-15 3.22E-13 -2518.137
1.00000 311.654514 1257.568 -1.53E-13
6.24E-15 3.41E-13 -2673.963

COMB ULO10 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 311.654514 1169.912 -1.43E-13
6.24E-15 2.67E-13 -2067.093
0.25000 311.654514 1191.826 -1.46E-13
6.24E-15 2.85E-13 -2214.702
0.50000 311.654514 1213.740 -1.48E-13
6.24E-15 3.04E-13 -2365.050
0.75000 311.654514 1235.654 -1.51E-13
6.24E-15 3.22E-13 -2518.137
1.00000 311.654514 1257.568 -1.53E-13
6.24E-15 3.41E-13 -2673.963

COMB ULO11 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 395.890568 1173.117 -1.43E-13
5.73E-15 2.10E-13 -1609.016
0.25000 395.890568 1195.032 -1.46E-13
5.73E-15 2.28E-13 -1757.025
0.50000 395.890568 1216.946 -1.48E-13
5.73E-15 2.46E-13 -1907.773
0.75000 395.890568 1238.860 -1.51E-13
5.73E-15 2.65E-13 -2061.261
1.00000 395.890568 1260.774 -1.54E-13
5.73E-15 2.84E-13 -2217.488

COMB ULO11 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 395.890568 1173.117 -1.43E-13
5.73E-15 2.10E-13 -1609.016
0.25000 395.890568 1195.032 -1.46E-13
5.73E-15 2.28E-13 -1757.025
0.50000 395.890568 1216.946 -1.48E-13
5.73E-15 2.46E-13 -1907.773
0.75000 395.890568 1238.860 -1.51E-13
5.73E-15 2.65E-13 -2061.261
1.00000 395.890568 1260.774 -1.54E-13
5.73E-15 2.84E-13 -2217.488

COMB ULO12 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 426.755087 680.028473 -8.36E-14
6.40E-15 4.32E-13 -3412.044
0.25000 426.755087 701.942535 -8.62E-14
6.40E-15 4.43E-13 -3498.417
0.50000 426.755087 723.856598 -8.89E-14
6.40E-15 4.54E-13 -3587.530
0.75000 426.755087 745.770660 -9.15E-14
6.40E-15 4.65E-13 -3679.381
1.00000 426.755087 767.684723 -9.42E-14
6.40E-15 4.77E-13 -3773.972

COMB ULO12 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 426.755087 680.028473 -8.36E-14
6.40E-15 4.32E-13 -3412.044
0.25000 426.755087 701.942535 -8.62E-14
6.40E-15 4.43E-13 -3498.417
0.50000 426.755087 723.856598 -8.89E-14
6.40E-15 4.54E-13 -3587.530
0.75000 426.755087 745.770660 -9.15E-14
6.40E-15 4.65E-13 -3679.381
1.00000 426.755087 767.684723 -9.42E-14
6.40E-15 4.77E-13 -3773.972
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO13 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 510.991141 683.234396 -8.39E-14
5.88E-15 3.75E-13 -2953.966
0.25000 510.991141 705.148458 -8.65E-14
5.88E-15 3.86E-13 -3040.740
0.50000 510.991141 727.062521 -8.92E-14
5.88E-15 3.97E-13 -3130.254
0.75000 510.991141 748.976583 -9.18E-14
5.88E-15 4.08E-13 -3222.506
1.00000 510.991141 770.890646 -9.45E-14
5.88E-15 4.20E-13 -3317.498

COMB ULO13 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 510.991141 683.234396 -8.39E-14
5.88E-15 3.75E-13 -2953.966
0.25000 510.991141 705.148458 -8.65E-14
5.88E-15 3.86E-13 -3040.740
0.50000 510.991141 727.062521 -8.92E-14
5.88E-15 3.97E-13 -3130.254
0.75000 510.991141 748.976583 -9.18E-14
5.88E-15 4.08E-13 -3222.506
1.00000 510.991141 770.890646 -9.45E-14
5.88E-15 4.20E-13 -3317.498

COMB ULO14 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 307.174291 672.792902 -8.25E-14
5.34E-15 3.19E-13 -2505.912
0.25000 307.174291 694.706965 -8.51E-14
5.34E-15 3.29E-13 -2591.381
0.50000 307.174291 716.621027 -8.78E-14
5.34E-15 3.40E-13 -2679.589
0.75000 307.174291 738.535090 -9.05E-14
5.34E-15 3.51E-13 -2770.536
1.00000 307.174291 760.449152 -9.31E-14
5.34E-15 3.63E-13 -2864.223

COMB ULO14 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 307.174291 672.792902 -8.25E-14
5.34E-15 3.19E-13 -2505.912
0.25000 307.174291 694.706965 -8.51E-14
5.34E-15 3.29E-13 -2591.381
0.50000 307.174291 716.621027 -8.78E-14
5.34E-15 3.40E-13 -2679.589
0.75000 307.174291 738.535090 -9.05E-14
5.34E-15 3.51E-13 -2770.536
1.00000 307.174291 760.449152 -9.31E-14
5.34E-15 3.63E-13 -2864.223

COMB ULO15 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 391.410345 675.998825 -8.28E-14
4.83E-15 2.62E-13 -2047.835
0.25000 391.410345 697.912888 -8.54E-14
4.83E-15 2.72E-13 -2133.704
0.50000 391.410345 719.826950 -8.81E-14
4.83E-15 2.83E-13 -2222.313
0.75000 391.410345 741.741013 -9.07E-14
4.83E-15 2.94E-13 -2313.661
1.00000 391.410345 763.655075 -9.34E-14
4.83E-15 3.06E-13 -2407.748

COMB ULO15 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 391.410345 675.998825 -8.28E-14
4.83E-15 2.62E-13 -2047.835
0.25000 391.410345 697.912888 -8.54E-14
4.83E-15 2.72E-13 -2133.704
0.50000 391.410345 719.826950 -8.81E-14
4.83E-15 2.83E-13 -2222.313
0.75000 391.410345 741.741013 -9.07E-14
4.83E-15 2.94E-13 -2313.661
1.00000 391.410345 763.655075 -9.34E-14
4.83E-15 3.06E-13 -2407.748
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO16 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 302.342674 -148.819755 1.75E-14
2.63E-15 2.81E-13 -2248.989
0.25000 302.342674 -131.288505 1.54E-14
2.63E-15 2.79E-13 -2231.482
0.50000 302.342674 -113.757255 1.33E-14
2.63E-15 2.77E-13 -2216.167
0.75000 302.342674 -96.226005 1.12E-14
2.63E-15 2.76E-13 -2203.043
1.00000 302.342674 -78.694755 9.03E-15
2.63E-15 2.75E-13 -2192.110

COMB ULO16 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 302.342674 -148.819755 1.75E-14
2.63E-15 2.81E-13 -2248.989
0.25000 302.342674 -131.288505 1.54E-14
2.63E-15 2.79E-13 -2231.482
0.50000 302.342674 -113.757255 1.33E-14
2.63E-15 2.77E-13 -2216.167
0.75000 302.342674 -96.226005 1.12E-14
2.63E-15 2.76E-13 -2203.043
1.00000 302.342674 -78.694755 9.03E-15
2.63E-15 2.75E-13 -2192.110

COMB ULO17 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062
0.25000 517.409504 -163.150064 1.89E-14
4.51E-15 4.81E-13 -3844.244
0.50000 517.409504 -140.359439 1.61E-14
4.51E-15 4.79E-13 -3825.274
0.75000 517.409504 -117.568814 1.34E-14
4.51E-15 4.77E-13 -3809.154
1.00000 517.409504 -94.778189 1.06E-14
4.51E-15 4.75E-13 -3795.882

COMB ULO17 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -185.940689 2.17E-14
4.51E-15 4.83E-13 -3866.062
0.25000 517.409504 -163.150064 1.89E-14
4.51E-15 4.81E-13 -3844.244
0.50000 517.409504 -140.359439 1.61E-14
4.51E-15 4.79E-13 -3825.274
0.75000 517.409504 -117.568814 1.34E-14
4.51E-15 4.77E-13 -3809.154
1.00000 517.409504 -94.778189 1.06E-14
4.51E-15 4.75E-13 -3795.882

COMB ULO18 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 380.054946 1126.193 -1.37E-13
5.50E-15 2.02E-13 -1544.655
0.25000 380.054946 1147.230 -1.40E-13
5.50E-15 2.19E-13 -1686.744
0.50000 380.054946 1168.268 -1.43E-13
5.50E-15 2.37E-13 -1831.463
0.75000 380.054946 1189.305 -1.45E-13
5.50E-15 2.55E-13 -1978.811
1.00000 380.054946 1210.343 -1.48E-13
5.50E-15 2.73E-13 -2128.789

COMB ULO18 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 380.054946 1126.193 -1.37E-13
5.50E-15 2.02E-13 -1544.655
0.25000 380.054946 1147.230 -1.40E-13
5.50E-15 2.19E-13 -1686.744
0.50000 380.054946 1168.268 -1.43E-13
5.50E-15 2.37E-13 -1831.463
0.75000 380.054946 1189.305 -1.45E-13
5.50E-15 2.55E-13 -1978.811
1.00000 380.054946 1210.343 -1.48E-13
5.50E-15 2.73E-13 -2128.789
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO01 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 508.025848 -136.204140 1.57E-14
4.43E-15 4.76E-13 -3807.383
0.25000 508.025848 -118.672890 1.35E-14
4.43E-15 4.74E-13 -3791.453
0.50000 508.025848 -101.141640 1.14E-14
4.43E-15 4.73E-13 -3777.715
0.75000 508.025848 -83.610390 9.29E-15
4.43E-15 4.72E-13 -3766.168
1.00000 508.025848 -66.079140 7.16E-15
4.43E-15 4.70E-13 -3756.812

COMB UEO01 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 508.025848 -136.204140 1.57E-14
4.43E-15 4.76E-13 -3807.383
0.25000 508.025848 -118.672890 1.35E-14
4.43E-15 4.74E-13 -3791.453
0.50000 508.025848 -101.141640 1.14E-14
4.43E-15 4.73E-13 -3777.715
0.75000 508.025848 -83.610390 9.29E-15
4.43E-15 4.72E-13 -3766.168
1.00000 508.025848 -66.079140 7.16E-15
4.43E-15 4.70E-13 -3756.812

COMB UEO02 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 302.346879 -148.649322 1.75E-14
2.63E-15 2.81E-13 -2248.837
0.25000 302.346879 -131.118072 1.54E-14
2.63E-15 2.79E-13 -2231.352
0.50000 302.346879 -113.586822 1.33E-14
2.63E-15 2.77E-13 -2216.058
0.75000 302.346879 -96.055572 1.11E-14
2.63E-15 2.76E-13 -2202.955
1.00000 302.346879 -78.524322 9.01E-15
2.63E-15 2.75E-13 -2192.044

COMB UEO02 ---------- MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	302.346879	-148.649322	1.75E-14
2.63E-15	2.81E-13	-2248.837	
0.25000	302.346879	-131.118072	1.54E-14
2.63E-15	2.79E-13	-2231.352	
0.50000	302.346879	-113.586822	1.33E-14
2.63E-15	2.77E-13	-2216.058	
0.75000	302.346879	-96.055572	1.11E-14
2.63E-15	2.76E-13	-2202.955	
1.00000	302.346879	-78.524322	9.01E-15
2.63E-15	2.75E-13	-2192.044	

COMB UEO03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1264.859	-1.54E-13
5.17E-15	1.34E-13	-998.527998	
0.25000	321.027593	1282.390	-1.56E-13
5.17E-15	1.53E-13	-1157.731	
0.50000	321.027593	1299.921	-1.58E-13
5.17E-15	1.73E-13	-1319.125	
0.75000	321.027593	1317.452	-1.61E-13
5.17E-15	1.93E-13	-1482.711	
1.00000	321.027593	1334.984	-1.63E-13
5.17E-15	2.13E-13	-1648.489	

COMB UEO03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1264.859	-1.54E-13
5.17E-15	1.34E-13	-998.527998	
0.25000	321.027593	1282.390	-1.56E-13
5.17E-15	1.53E-13	-1157.731	
0.50000	321.027593	1299.921	-1.58E-13
5.17E-15	1.73E-13	-1319.125	
0.75000	321.027593	1317.452	-1.61E-13
5.17E-15	1.93E-13	-1482.711	
1.00000	321.027593	1334.984	-1.63E-13
5.17E-15	2.13E-13	-1648.489	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	755.380132	-9.25E-14
5.33E-15	3.06E-13	-2397.277	
0.25000	440.732189	772.911382	-9.46E-14
5.33E-15	3.17E-13	-2492.795	
0.50000	440.732189	790.442632	-9.67E-14
5.33E-15	3.29E-13	-2590.505	
0.75000	440.732189	807.973882	-9.89E-14
5.33E-15	3.42E-13	-2690.406	
1.00000	440.732189	825.505132	-1.01E-13
5.33E-15	3.54E-13	-2792.498	

COMB UEO04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	755.380132	-9.25E-14
5.33E-15	3.06E-13	-2397.277	
0.25000	440.732189	772.911382	-9.46E-14
5.33E-15	3.17E-13	-2492.795	
0.50000	440.732189	790.442632	-9.67E-14
5.33E-15	3.29E-13	-2590.505	
0.75000	440.732189	807.973882	-9.89E-14
5.33E-15	3.42E-13	-2690.406	
1.00000	440.732189	825.505132	-1.01E-13
5.33E-15	3.54E-13	-2792.498	

COMB UEO05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	747.855139	-9.14E-14
4.24E-15	1.88E-13	-1454.900	
0.25000	316.368161	765.386389	-9.35E-14
4.24E-15	1.99E-13	-1549.478	
0.50000	316.368161	782.917639	-9.56E-14
4.24E-15	2.11E-13	-1646.247	
0.75000	316.368161	800.448889	-9.77E-14
4.24E-15	2.23E-13	-1745.207	
1.00000	316.368161	817.980139	-9.99E-14
4.24E-15	2.36E-13	-1846.359	

COMB UEO05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	747.855139	-9.14E-14
4.24E-15	1.88E-13	-1454.900	
0.25000	316.368161	765.386389	-9.35E-14
4.24E-15	1.99E-13	-1549.478	
0.50000	316.368161	782.917639	-9.56E-14
4.24E-15	2.11E-13	-1646.247	
0.75000	316.368161	800.448889	-9.77E-14
4.24E-15	2.23E-13	-1745.207	
1.00000	316.368161	817.980139	-9.99E-14
4.24E-15	2.36E-13	-1846.359	

COMB UEO06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-144.458488	1.67E-14
4.25E-15	4.59E-13	-3667.614	
0.25000	339.105410	-126.927238	1.46E-14
4.25E-15	4.57E-13	-3650.653	
0.50000	339.105410	-109.395988	1.24E-14
4.25E-15	4.55E-13	-3635.883	
0.75000	339.105410	-91.864738	1.03E-14
4.25E-15	4.54E-13	-3623.304	
1.00000	339.105410	-74.333488	8.20E-15
4.25E-15	4.52E-13	-3612.916	

COMB UEO06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-144.458488	1.67E-14
4.25E-15	4.59E-13	-3667.614	
0.25000	339.105410	-126.927238	1.46E-14
4.25E-15	4.57E-13	-3650.653	
0.50000	339.105410	-109.395988	1.24E-14
4.25E-15	4.55E-13	-3635.883	
0.75000	339.105410	-91.864738	1.03E-14
4.25E-15	4.54E-13	-3623.304	
1.00000	339.105410	-74.333488	8.20E-15
4.25E-15	4.52E-13	-3612.916	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	
0.25000	426.710906	-123.593078	1.43E-14
3.72E-15	3.97E-13	-3174.669	
0.50000	426.710906	-106.061828	1.21E-14
3.72E-15	3.96E-13	-3160.316	
0.75000	426.710906	-88.530578	1.00E-14
3.72E-15	3.94E-13	-3148.154	
1.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	

COMB UEO07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	
0.25000	426.710906	-123.593078	1.43E-14
3.72E-15	3.97E-13	-3174.669	
0.50000	426.710906	-106.061828	1.21E-14
3.72E-15	3.96E-13	-3160.316	
0.75000	426.710906	-88.530578	1.00E-14
3.72E-15	3.94E-13	-3148.154	
1.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	

COMB UEO08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-151.983482	1.78E-14
3.16E-15	3.41E-13	-2725.238	
0.25000	214.741382	-134.452232	1.57E-14
3.16E-15	3.39E-13	-2707.335	
0.50000	214.741382	-116.920982	1.36E-14
3.16E-15	3.37E-13	-2691.625	
0.75000	214.741382	-99.389732	1.14E-14
3.16E-15	3.35E-13	-2678.105	
1.00000	214.741382	-81.858482	9.31E-15
3.16E-15	3.34E-13	-2666.777	

COMB UEO08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-151.983482	1.78E-14
3.16E-15	3.41E-13	-2725.238	
0.25000	214.741382	-134.452232	1.57E-14
3.16E-15	3.39E-13	-2707.335	
0.50000	214.741382	-116.920982	1.36E-14
3.16E-15	3.37E-13	-2691.625	
0.75000	214.741382	-99.389732	1.14E-14
3.16E-15	3.35E-13	-2678.105	
1.00000	214.741382	-81.858482	9.31E-15
3.16E-15	3.34E-13	-2666.777	

COMB UEO09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-148.649322	1.75E-14
2.63E-15	2.81E-13	-2248.837	
0.25000	302.346879	-131.118072	1.54E-14
2.63E-15	2.79E-13	-2231.352	
0.50000	302.346879	-113.586822	1.33E-14
2.63E-15	2.77E-13	-2216.058	
0.75000	302.346879	-96.055572	1.11E-14
2.63E-15	2.76E-13	-2202.955	
1.00000	302.346879	-78.524322	9.01E-15
2.63E-15	2.75E-13	-2192.044	

COMB UEO09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-148.649322	1.75E-14
2.63E-15	2.81E-13	-2248.837	
0.25000	302.346879	-131.118072	1.54E-14
2.63E-15	2.79E-13	-2231.352	
0.50000	302.346879	-113.586822	1.33E-14
2.63E-15	2.77E-13	-2216.058	
0.75000	302.346879	-96.055572	1.11E-14
2.63E-15	2.76E-13	-2202.955	
1.00000	302.346879	-78.524322	9.01E-15
2.63E-15	2.75E-13	-2192.044	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1214.728	-1.48E-13
5.45E-15	1.83E-13	-1392.245	
0.25000	220.955916	1231.383	-1.50E-13
5.45E-15	2.02E-13	-1545.127	
0.50000	220.955916	1248.037	-1.52E-13
5.45E-15	2.20E-13	-1700.091	
0.75000	220.955916	1264.692	-1.54E-13
5.45E-15	2.40E-13	-1857.136	
1.00000	220.955916	1281.347	-1.56E-13
5.45E-15	2.59E-13	-2016.264	

COMB UEO10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1214.728	-1.48E-13
5.45E-15	1.83E-13	-1392.245	
0.25000	220.955916	1231.383	-1.50E-13
5.45E-15	2.02E-13	-1545.127	
0.50000	220.955916	1248.037	-1.52E-13
5.45E-15	2.20E-13	-1700.091	
0.75000	220.955916	1264.692	-1.54E-13
5.45E-15	2.40E-13	-1857.136	
1.00000	220.955916	1281.347	-1.56E-13
5.45E-15	2.59E-13	-2016.264	

COMB UEO11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1217.934	-1.48E-13
4.94E-15	1.26E-13	-934.167376	
0.25000	305.191970	1234.589	-1.50E-13
4.94E-15	1.44E-13	-1087.450	
0.50000	305.191970	1251.243	-1.52E-13
4.94E-15	1.63E-13	-1242.815	
0.75000	305.191970	1267.898	-1.54E-13
4.94E-15	1.82E-13	-1400.261	
1.00000	305.191970	1284.553	-1.57E-13
4.94E-15	2.02E-13	-1559.789	

COMB UEO11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1217.934	-1.48E-13
4.94E-15	1.26E-13	-934.167376	
0.25000	305.191970	1234.589	-1.50E-13
4.94E-15	1.44E-13	-1087.450	
0.50000	305.191970	1251.243	-1.52E-13
4.94E-15	1.63E-13	-1242.815	
0.75000	305.191970	1267.898	-1.54E-13
4.94E-15	1.82E-13	-1400.261	
1.00000	305.191970	1284.553	-1.57E-13
4.94E-15	2.02E-13	-1559.789	

COMB UEO12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	724.844833	-8.88E-14
5.61E-15	3.48E-13	-2737.196	
0.25000	336.056489	741.499521	-9.09E-14
5.61E-15	3.59E-13	-2828.842	
0.50000	336.056489	758.154208	-9.29E-14
5.61E-15	3.71E-13	-2922.571	
0.75000	336.056489	774.808896	-9.49E-14
5.61E-15	3.82E-13	-3018.381	
1.00000	336.056489	791.463583	-9.69E-14
5.61E-15	3.94E-13	-3116.273	

COMB UEO12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	724.844833	-8.88E-14
5.61E-15	3.48E-13	-2737.196	
0.25000	336.056489	741.499521	-9.09E-14
5.61E-15	3.59E-13	-2828.842	
0.50000	336.056489	758.154208	-9.29E-14
5.61E-15	3.71E-13	-2922.571	
0.75000	336.056489	774.808896	-9.49E-14
5.61E-15	3.82E-13	-3018.381	
1.00000	336.056489	791.463583	-9.69E-14
5.61E-15	3.94E-13	-3116.273	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	728.050757	-8.91E-14
5.10E-15	2.91E-13	-2279.118	
0.25000	420.292543	744.705444	-9.12E-14
5.10E-15	3.02E-13	-2371.165	
0.50000	420.292543	761.360132	-9.32E-14
5.10E-15	3.13E-13	-2465.295	
0.75000	420.292543	778.014819	-9.52E-14
5.10E-15	3.25E-13	-2561.506	
1.00000	420.292543	794.669507	-9.72E-14
5.10E-15	3.37E-13	-2659.798	

COMB UEO13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	728.050757	-8.91E-14
5.10E-15	2.91E-13	-2279.118	
0.25000	420.292543	744.705444	-9.12E-14
5.10E-15	3.02E-13	-2371.165	
0.50000	420.292543	761.360132	-9.32E-14
5.10E-15	3.13E-13	-2465.295	
0.75000	420.292543	778.014819	-9.52E-14
5.10E-15	3.25E-13	-2561.506	
1.00000	420.292543	794.669507	-9.72E-14
5.10E-15	3.37E-13	-2659.798	

COMB UEO14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	717.609263	-8.78E-14
4.56E-15	2.35E-13	-1831.064	
0.25000	216.475693	734.263950	-8.98E-14
4.56E-15	2.46E-13	-1921.806	
0.50000	216.475693	750.918638	-9.18E-14
4.56E-15	2.57E-13	-2014.630	
0.75000	216.475693	767.573325	-9.38E-14
4.56E-15	2.69E-13	-2109.536	
1.00000	216.475693	784.228013	-9.58E-14
4.56E-15	2.80E-13	-2206.524	

COMB UEO14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	717.609263	-8.78E-14
4.56E-15	2.35E-13	-1831.064	
0.25000	216.475693	734.263950	-8.98E-14
4.56E-15	2.46E-13	-1921.806	
0.50000	216.475693	750.918638	-9.18E-14
4.56E-15	2.57E-13	-2014.630	
0.75000	216.475693	767.573325	-9.38E-14
4.56E-15	2.69E-13	-2109.536	
1.00000	216.475693	784.228013	-9.58E-14
4.56E-15	2.80E-13	-2206.524	

COMB UEO15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	720.815186	-8.81E-14
4.05E-15	1.77E-13	-1372.987	
0.25000	300.711747	737.469873	-9.01E-14
4.05E-15	1.88E-13	-1464.130	
0.50000	300.711747	754.124561	-9.21E-14
4.05E-15	2.00E-13	-1557.354	
0.75000	300.711747	770.779248	-9.41E-14
4.05E-15	2.11E-13	-1652.661	
1.00000	300.711747	787.433936	-9.61E-14
4.05E-15	2.23E-13	-1750.049	

COMB UEO15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	720.815186	-8.81E-14
4.05E-15	1.77E-13	-1372.987	
0.25000	300.711747	737.469873	-9.01E-14
4.05E-15	1.88E-13	-1464.130	
0.50000	300.711747	754.124561	-9.21E-14
4.05E-15	2.00E-13	-1557.354	
0.75000	300.711747	770.779248	-9.41E-14
4.05E-15	2.11E-13	-1652.661	
1.00000	300.711747	787.433936	-9.61E-14
4.05E-15	2.23E-13	-1750.049	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-148.819755	1.75E-14
2.63E-15	2.81E-13	-2248.989	
0.25000	302.342674	-131.288505	1.54E-14
2.63E-15	2.79E-13	-2231.482	
0.50000	302.342674	-113.757255	1.33E-14
2.63E-15	2.77E-13	-2216.167	
0.75000	302.342674	-96.226005	1.12E-14
2.63E-15	2.76E-13	-2203.043	
1.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	

COMB UEO16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-148.819755	1.75E-14
2.63E-15	2.81E-13	-2248.989	
0.25000	302.342674	-131.288505	1.54E-14
2.63E-15	2.79E-13	-2231.482	
0.50000	302.342674	-113.757255	1.33E-14
2.63E-15	2.77E-13	-2216.167	
0.75000	302.342674	-96.226005	1.12E-14
2.63E-15	2.76E-13	-2203.043	
1.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	

COMB UEO17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	
0.25000	426.710906	-123.593078	1.43E-14
3.72E-15	3.97E-13	-3174.669	
0.50000	426.710906	-106.061828	1.21E-14
3.72E-15	3.96E-13	-3160.316	
0.75000	426.710906	-88.530578	1.00E-14
3.72E-15	3.94E-13	-3148.154	
1.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	

COMB UEO17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-141.124328	1.64E-14
3.72E-15	3.99E-13	-3191.214	
0.25000	426.710906	-123.593078	1.43E-14
3.72E-15	3.97E-13	-3174.669	
0.50000	426.710906	-106.061828	1.21E-14
3.72E-15	3.96E-13	-3160.316	
0.75000	426.710906	-88.530578	1.00E-14
3.72E-15	3.94E-13	-3148.154	
1.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	

COMB UEO18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1171.009	-1.43E-13
4.71E-15	1.17E-13	-869.806753	
0.25000	289.356348	1186.787	-1.45E-13
4.71E-15	1.35E-13	-1017.169	
0.50000	289.356348	1202.565	-1.47E-13
4.71E-15	1.53E-13	-1166.504	
0.75000	289.356348	1218.344	-1.48E-13
4.71E-15	1.72E-13	-1317.810	
1.00000	289.356348	1234.122	-1.50E-13
4.71E-15	1.90E-13	-1471.089	

COMB UEO18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1171.009	-1.43E-13
4.71E-15	1.17E-13	-869.806753	
0.25000	289.356348	1186.787	-1.45E-13
4.71E-15	1.35E-13	-1017.169	
0.50000	289.356348	1202.565	-1.47E-13
4.71E-15	1.53E-13	-1166.504	
0.75000	289.356348	1218.344	-1.48E-13
4.71E-15	1.72E-13	-1317.810	
1.00000	289.356348	1234.122	-1.50E-13
4.71E-15	1.90E-13	-1471.089	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVBULT ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-181.759048	2.10E-14
5.22E-15	5.61E-13	-4482.888	
0.25000	598.706226	-158.968423	1.83E-14
5.22E-15	5.58E-13	-4461.593	
0.50000	598.706226	-136.177798	1.55E-14
5.22E-15	5.56E-13	-4443.146	
0.75000	598.706226	-113.387173	1.27E-14
5.22E-15	5.54E-13	-4427.548	
1.00000	598.706226	-90.596548	9.98E-15
5.22E-15	5.53E-13	-4414.799	

COMB ENVBULT ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-181.759048	2.10E-14
5.22E-15	5.61E-13	-4482.888	
0.25000	598.706226	-158.968423	1.83E-14
5.22E-15	5.58E-13	-4461.593	
0.50000	598.706226	-136.177798	1.55E-14
5.22E-15	5.56E-13	-4443.146	
0.75000	598.706226	-113.387173	1.27E-14
5.22E-15	5.54E-13	-4427.548	
1.00000	598.706226	-90.596548	9.98E-15
5.22E-15	5.53E-13	-4414.799	

COMB ENVBECC ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-136.942687	1.76E-14
4.43E-15	4.76E-13	-2249.494	
0.25000	508.007629	-119.411437	1.55E-14
4.43E-15	4.74E-13	-2231.916	
0.50000	508.007629	-101.880187	1.33E-14
4.43E-15	4.73E-13	-2216.530	
0.75000	508.007629	-84.348937	1.12E-14
4.43E-15	4.72E-13	-2203.335	
1.00000	508.007629	-66.817687	9.10E-15
4.43E-15	4.71E-13	-2192.331	

COMB ENVBECC ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-149.387869	1.57E-14
2.63E-15	2.81E-13	-3808.040	
0.25000	302.328660	-131.856619	1.36E-14
2.63E-15	2.79E-13	-2792.018	
0.50000	302.328660	-114.325369	1.15E-14
2.63E-15	2.77E-13	-3778.187	
0.75000	302.328660	-96.794119	9.38E-15
2.63E-15	2.76E-13	-3766.548	
1.00000	302.328660	-79.262869	7.25E-15

2.63E-15 2.75E-13 -3757.100

COMB ENVOULT ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.724446	-181.020500	2.09E-14
5.22E-15	5.61E-13	-4482.231	
0.25000	598.724446	-158.229875	1.82E-14
5.22E-15	5.58E-13	-4461.028	
0.50000	598.724446	-135.439250	1.54E-14
5.22E-15	5.56E-13	-4442.674	
0.75000	598.724446	-112.648625	1.27E-14
5.22E-15	5.54E-13	-4427.168	
1.00000	598.724446	-89.858000	9.89E-15
5.22E-15	5.53E-13	-4414.512	

COMB ENVOULT ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.724446	-181.020500	2.09E-14
5.22E-15	5.61E-13	-4482.231	
0.25000	598.724446	-158.229875	1.82E-14
5.22E-15	5.58E-13	-4461.028	
0.50000	598.724446	-135.439250	1.54E-14
5.22E-15	5.56E-13	-4442.674	
0.75000	598.724446	-112.648625	1.27E-14
5.22E-15	5.54E-13	-4427.168	
1.00000	598.724446	-89.858000	9.89E-15
5.22E-15	5.53E-13	-4414.512	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVOECC ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.025848	-136.204140	1.75E-14
4.43E-15	4.76E-13	-2248.837	
0.25000	508.025848	-118.672890	1.54E-14
4.43E-15	4.74E-13	-2231.352	
0.50000	508.025848	-101.141640	1.33E-14
4.43E-15	4.73E-13	-2216.058	
0.75000	508.025848	-83.610390	1.11E-14
4.43E-15	4.72E-13	-2202.955	
1.00000	508.025848	-66.079140	9.01E-15
4.43E-15	4.70E-13	-2192.044	

COMB ENVOECC ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-148.649322	1.57E-14
2.63E-15	2.81E-13	-3807.383	
0.25000	302.346879	-131.118072	1.35E-14
2.63E-15	2.79E-13	-3791.453	
0.50000	302.346879	-113.586822	1.14E-14
2.63E-15	2.77E-13	-3777.715	
0.75000	302.346879	-96.055572	9.29E-15
2.63E-15	2.76E-13	-3766.168	
1.00000	302.346879	-78.524322	7.16E-15
2.63E-15	2.75E-13	-3756.812	

ELEM 8 ========== LENGTH = 0.200000

LOAD D ----------

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

LOAD L1 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.11E-14	-727.799449	
0.25000	95.664637	5.788457	-8.60E-16
8.41E-16	9.12E-14	-728.088872	
0.50000	95.664637	5.788457	-8.60E-16
8.41E-16	9.12E-14	-728.378295	
0.75000	95.664637	5.788457	-8.60E-16
8.41E-16	9.13E-14	-728.667718	
1.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.13E-14	-728.957141	

LOAD W-LO ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.14E-17	9.36E-17	0.833288
8.881358	2.061876	3.36E-16	
0.25000	1.14E-17	1.34E-16	1.169888
8.881358	2.011797	3.30E-16	
0.50000	1.14E-17	1.75E-16	1.506488
8.881358	1.944887	3.22E-16	
0.75000	1.14E-17	2.16E-16	1.843088
8.881358	1.861148	3.12E-16	
1.00000	1.14E-17	2.57E-16	2.179688
8.881358	1.760579	3.01E-16	

LOAD G-LO2 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	4.75E-16	4.23E-16	4.396531
34.554180	-206.115576	-2.13E-14	
0.25000	4.75E-16	4.23E-16	4.396531
34.554180	-206.335402	-2.14E-14	
0.50000	4.75E-16	4.23E-16	4.396531
34.554180	-206.555229	-2.14E-14	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000	4.75E-16	4.23E-16	4.396531
34.554180	-206.775055	-2.14E-14	
1.00000	4.75E-16	4.23E-16	4.396531
34.554180	-206.994882	-2.14E-14	

LOAD E-LO ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	14.369780	1087.314	-1.32E-13
1.96E-15	-4.72E-14	418.119306	
0.25000	14.369780	1087.314	-1.32E-13
1.96E-15	-4.06E-14	363.753619	
0.50000	14.369780	1087.314	-1.32E-13
1.96E-15	-3.40E-14	309.387931	
0.75000	14.369780	1087.314	-1.32E-13
1.96E-15	-2.74E-14	255.022243	
1.00000	14.369780	1087.314	-1.32E-13
1.96E-15	-2.08E-14	200.656556	

LOAD WL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.600712	145.961940	-1.77E-14
2.62E-16	-6.42E-15	56.851668	
0.25000	3.600712	145.961940	-1.77E-14
2.62E-16	-5.54E-15	49.553571	
0.50000	3.600712	145.961940	-1.77E-14
2.62E-16	-4.65E-15	42.255474	
0.75000	3.600712	145.961940	-1.77E-14
2.62E-16	-3.76E-15	34.957377	
1.00000	3.600712	145.961940	-1.77E-14
2.62E-16	-2.88E-15	27.659280	

LOAD G-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.57E-14	-365.179651	
0.25000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.57E-14	-365.051414	
0.50000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.57E-14	-364.923177	
0.75000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.57E-14	-364.794940	
1.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.57E-14	-364.666703	

LOAD E-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.014015	0.568113	-6.90E-17
1.02E-18	-2.50E-17	0.221278	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	0.014015	0.568113	-6.90E-17
1.02E-18	-2.15E-17	0.192872	
0.50000	0.014015	0.568113	-6.90E-17
1.02E-18	-1.81E-17	0.164467	
0.75000	0.014015	0.568113	-6.90E-17
1.02E-18	-1.46E-17	0.136061	
1.00000	0.014015	0.568113	-6.90E-17
1.02E-18	-1.12E-17	0.107655	

LOAD COL-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.045539	1.846008	-2.24E-16
3.31E-18	-8.12E-17	0.719014	
0.25000	0.045539	1.846008	-2.24E-16
3.31E-18	-7.00E-17	0.626713	
0.50000	0.045539	1.846008	-2.24E-16
3.31E-18	-5.88E-17	0.534413	
0.75000	0.045539	1.846008	-2.24E-16
3.31E-18	-4.76E-17	0.442113	
1.00000	0.045539	1.846008	-2.24E-16
3.31E-18	-3.64E-17	0.349812	

COMB SVB01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	
0.25000	397.993296	-66.461912	7.39E-15
3.47E-15	3.65E-13	-2916.632	
0.50000	397.993296	-59.449412	6.54E-15
3.47E-15	3.65E-13	-2913.485	
0.75000	397.993296	-52.436912	5.69E-15
3.47E-15	3.65E-13	-2910.687	
1.00000	397.993296	-45.424412	4.84E-15
3.47E-15	3.64E-13	-2908.241	

COMB SVB01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	
0.25000	397.993296	-66.461912	7.39E-15
3.47E-15	3.65E-13	-2916.632	
0.50000	397.993296	-59.449412	6.54E-15
3.47E-15	3.65E-13	-2913.485	
0.75000	397.993296	-52.436912	5.69E-15
3.47E-15	3.65E-13	-2910.687	
1.00000	397.993296	-45.424412	4.84E-15
3.47E-15	3.64E-13	-2908.241	

COMB SVB02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB SVB02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	0.833288
8.881358	2.061876	-2192.331	
0.25000	302.328660	-72.250369	1.169888
8.881358	2.011797	-2188.543	
0.50000	302.328660	-65.237869	1.506488
8.881358	1.944887	-2185.106	
0.75000	302.328660	-58.225369	1.843088
8.881358	1.861148	-2182.020	
1.00000	302.328660	-51.212869	2.179688
8.881358	1.760579	-2179.284	

COMB SVB03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	0.833288
8.881358	2.061876	-2192.331	
0.25000	302.328660	-72.250369	1.169888
8.881358	2.011797	-2188.543	
0.50000	302.328660	-65.237869	1.506488
8.881358	1.944887	-2185.106	
0.75000	302.328660	-58.225369	1.843088
8.881358	1.861148	-2182.020	
1.00000	302.328660	-51.212869	2.179688
8.881358	1.760579	-2179.284	

COMB SVB04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	0.416644
4.440679	1.030938	-2920.131	
0.25000	397.993296	-66.461912	0.584944
4.440679	1.005898	-2916.632	
0.50000	397.993296	-59.449412	0.753244
4.440679	0.972444	-2913.485	
0.75000	397.993296	-52.436912	0.921544
4.440679	0.930574	-2910.687	
1.00000	397.993296	-45.424412	1.089844
4.440679	0.880289	-2908.241	

COMB SVB04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	0.416644
4.440679	1.030938	-2920.131	
0.25000	397.993296	-66.461912	0.584944
4.440679	1.005898	-2916.632	
0.50000	397.993296	-59.449412	0.753244
4.440679	0.972444	-2913.485	
0.75000	397.993296	-52.436912	0.921544
4.440679	0.930574	-2910.687	
1.00000	397.993296	-45.424412	1.089844
4.440679	0.880289	-2908.241	

COMB SVB05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	0.416644
4.440679	1.030938	-2192.331	
0.25000	302.328660	-72.250369	0.584944
4.440679	1.005898	-2188.543	
0.50000	302.328660	-65.237869	0.753244
4.440679	0.972444	-2185.106	
0.75000	302.328660	-58.225369	0.921544
4.440679	0.930574	-2182.020	
1.00000	302.328660	-51.212869	1.089844
4.440679	0.880289	-2179.284	

COMB SVB05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	0.416644
4.440679	1.030938	-2192.331	
0.25000	302.328660	-72.250369	0.584944
4.440679	1.005898	-2188.543	
0.50000	302.328660	-65.237869	0.753244
4.440679	0.972444	-2185.106	
0.75000	302.328660	-58.225369	0.921544
4.440679	0.930574	-2182.020	
1.00000	302.328660	-51.212869	1.089844
4.440679	0.880289	-2179.284	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	4.396531
34.554180	-206.115576	-2920.131	
0.25000	397.993296	-66.461912	4.396531
34.554180	-206.335402	-2916.632	
0.50000	397.993296	-59.449412	4.396531
34.554180	-206.555229	-2913.485	
0.75000	397.993296	-52.436912	4.396531
34.554180	-206.775055	-2910.687	
1.00000	397.993296	-45.424412	4.396531
34.554180	-206.994882	-2908.241	

COMB SVB06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	4.396531
34.554180	-206.115576	-2920.131	
0.25000	397.993296	-66.461912	4.396531
34.554180	-206.335402	-2916.632	
0.50000	397.993296	-59.449412	4.396531
34.554180	-206.555229	-2913.485	
0.75000	397.993296	-52.436912	4.396531
34.554180	-206.775055	-2910.687	
1.00000	397.993296	-45.424412	4.396531
34.554180	-206.994882	-2908.241	

COMB SVB07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	
0.25000	397.993296	-66.461912	7.39E-15
3.47E-15	3.65E-13	-2916.632	
0.50000	397.993296	-59.449412	6.54E-15
3.47E-15	3.65E-13	-2913.485	
0.75000	397.993296	-52.436912	5.69E-15
3.47E-15	3.65E-13	-2910.687	
1.00000	397.993296	-45.424412	4.84E-15
3.47E-15	3.64E-13	-2908.241	

COMB SVB07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-73.474412	8.24E-15
3.47E-15	3.66E-13	-2920.131	
0.25000	397.993296	-66.461912	7.39E-15
3.47E-15	3.65E-13	-2916.632	
0.50000	397.993296	-59.449412	6.54E-15
3.47E-15	3.65E-13	-2913.485	
0.75000	397.993296	-52.436912	5.69E-15
3.47E-15	3.65E-13	-2910.687	
1.00000	397.993296	-45.424412	4.84E-15
3.47E-15	3.64E-13	-2908.241	

COMB SVB08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	4.396531
34.554180	-206.115576	-2192.331	
0.25000	302.328660	-72.250369	4.396531
34.554180	-206.335402	-2188.543	
0.50000	302.328660	-65.237869	4.396531
34.554180	-206.555229	-2185.106	
0.75000	302.328660	-58.225369	4.396531
34.554180	-206.775055	-2182.020	
1.00000	302.328660	-51.212869	4.396531
34.554180	-206.994882	-2179.284	

COMB SVB08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	4.396531
34.554180	-206.115576	-2192.331	
0.25000	302.328660	-72.250369	4.396531
34.554180	-206.335402	-2188.543	
0.50000	302.328660	-65.237869	4.396531
34.554180	-206.555229	-2185.106	
0.75000	302.328660	-58.225369	4.396531
34.554180	-206.775055	-2182.020	
1.00000	302.328660	-51.212869	4.396531
34.554180	-206.994882	-2179.284	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB SVB09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB SVB10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	5.229819
43.435538	-204.053700	-2192.331	
0.25000	302.328660	-72.250369	5.566419
43.435538	-204.323606	-2188.543	
0.50000	302.328660	-65.237869	5.903019
43.435538	-204.610341	-2185.106	
0.75000	302.328660	-58.225369	6.239619
43.435538	-204.913907	-2182.020	
1.00000	302.328660	-51.212869	6.576219
43.435538	-205.234303	-2179.284	

COMB SVB10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	5.229819
43.435538	-204.053700	-2192.331	
0.25000	302.328660	-72.250369	5.566419
43.435538	-204.323606	-2188.543	
0.50000	302.328660	-65.237869	5.903019
43.435538	-204.610341	-2185.106	
0.75000	302.328660	-58.225369	6.239619
43.435538	-204.913907	-2182.020	
1.00000	302.328660	-51.212869	6.576219
43.435538	-205.234303	-2179.284	

COMB SVB11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	0.833288
8.881358	2.061876	-2192.331	
0.25000	302.328660	-72.250369	1.169888
8.881358	2.011797	-2188.543	
0.50000	302.328660	-65.237869	1.506488
8.881358	1.944887	-2185.106	
0.75000	302.328660	-58.225369	1.843088
8.881358	1.861148	-2182.020	
1.00000	302.328660	-51.212869	2.179688
8.881358	1.760579	-2179.284	

COMB SVB11 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	302.328660	-79.262869	0.833288	
8.881358	2.061876	-2192.331		
0.25000	302.328660	-72.250369	1.169888	
8.881358	2.011797	-2188.543		
0.50000	302.328660	-65.237869	1.506488	
8.881358	1.944887	-2185.106		
0.75000	302.328660	-58.225369	1.843088	
8.881358	1.861148	-2182.020		
1.00000	302.328660	-51.212869	2.179688	
8.881358	1.760579	-2179.284		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB12 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	397.993296	-73.474412	4.813175	
38.994859	-205.084638	-2920.131		
0.25000	397.993296	-66.461912	4.981475	
38.994859	-205.329504	-2916.632		
0.50000	397.993296	-59.449412	5.149775	
38.994859	-205.582785	-2913.485		
0.75000	397.993296	-52.436912	5.318075	
38.994859	-205.844481	-2910.687		
1.00000	397.993296	-45.424412	5.486375	
38.994859	-206.114593	-2908.241		

COMB SVB12 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	397.993296	-73.474412	4.813175	
38.994859	-205.084638	-2920.131		
0.25000	397.993296	-66.461912	4.981475	
38.994859	-205.329504	-2916.632		
0.50000	397.993296	-59.449412	5.149775	
38.994859	-205.582785	-2913.485		
0.75000	397.993296	-52.436912	5.318075	
38.994859	-205.844481	-2910.687		
1.00000	397.993296	-45.424412	5.486375	
38.994859	-206.114593	-2908.241		

COMB SVB13 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	397.993296	-73.474412	0.416644	
4.440679	1.030938	-2920.131		
0.25000	397.993296	-66.461912	0.584944	
4.440679	1.005898	-2916.632		
0.50000	397.993296	-59.449412	0.753244	
4.440679	0.972444	-2913.485		
0.75000	397.993296	-52.436912	0.921544	
4.440679	0.930574	-2910.687		
1.00000	397.993296	-45.424412	1.089844	
4.440679	0.880289	-2908.241		

COMB SVB13 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	397.993296	-73.474412	0.416644	
4.440679	1.030938	-2920.131		
0.25000	397.993296	-66.461912	0.584944	
4.440679	1.005898	-2916.632		
0.50000	397.993296	-59.449412	0.753244	
4.440679	0.972444	-2913.485		
0.75000	397.993296	-52.436912	0.921544	
4.440679	0.930574	-2910.687		
1.00000	397.993296	-45.424412	1.089844	
4.440679	0.880289	-2908.241		

COMB SVB14 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	302.328660	-79.262869	4.813175	
38.994859	-205.084638	-2192.331		
0.25000	302.328660	-72.250369	4.981475	
38.994859	-205.329504	-2188.543		
0.50000	302.328660	-65.237869	5.149775	
38.994859	-205.582785	-2185.106		
0.75000	302.328660	-58.225369	5.318075	
38.994859	-205.844481	-2182.020		
1.00000	302.328660	-51.212869	5.486375	
38.994859	-206.114593	-2179.284		

COMB SVB14 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	302.328660	-79.262869	4.813175	
38.994859	-205.084638	-2192.331		
0.25000	302.328660	-72.250369	4.981475	
38.994859	-205.329504	-2188.543		
0.50000	302.328660	-65.237869	5.149775	
38.994859	-205.582785	-2185.106		
0.75000	302.328660	-58.225369	5.318075	
38.994859	-205.844481	-2182.020		
1.00000	302.328660	-51.212869	5.486375	
38.994859	-206.114593	-2179.284		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB15 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	302.328660	-79.262869	0.416644	
4.440679	1.030938	-2192.331		
0.25000	302.328660	-72.250369	0.584944	
4.440679	1.005898	-2188.543		
0.50000	302.328660	-65.237869	0.753244	
4.440679	0.972444	-2185.106		
0.75000	302.328660	-58.225369	0.921544	
4.440679	0.930574	-2182.020		
1.00000	302.328660	-51.212869	1.089844	
4.440679	0.880289	-2179.284		

COMB SVB15 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	302.328660	-79.262869	0.416644	
4.440679	1.030938	-2192.331		
0.25000	302.328660	-72.250369	0.584944	
4.440679	1.005898	-2188.543		
0.50000	302.328660	-65.237869	0.753244	
4.440679	0.972444	-2185.106		
0.75000	302.328660	-58.225369	0.921544	
4.440679	0.930574	-2182.020		
1.00000	302.328660	-51.212869	1.089844	
4.440679	0.880289	-2179.284		

COMB ULB01 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	598.706226	-90.596548	9.98E-15	
5.22E-15	5.53E-13	-4414.799		
0.25000	598.706226	-81.480298	8.88E-15	
5.22E-15	5.52E-13	-4410.498		
0.50000	598.706226	-72.364048	7.77E-15	
5.22E-15	5.52E-13	-4406.651		
0.75000	598.706226	-63.247798	6.67E-15	
5.22E-15	5.52E-13	-4403.261		
1.00000	598.706226	-54.131548	5.57E-15	
5.22E-15	5.51E-13	-4400.327		

COMB ULB01 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	598.706226	-90.596548	9.98E-15	
5.22E-15	5.53E-13	-4414.799		
0.25000	598.706226	-81.480298	8.88E-15	
5.22E-15	5.52E-13	-4410.498		
0.50000	598.706226	-72.364048	7.77E-15	
5.22E-15	5.52E-13	-4406.651		
0.75000	598.706226	-63.247798	6.67E-15	
5.22E-15	5.52E-13	-4403.261		
1.00000	598.706226	-54.131548	5.57E-15	
5.22E-15	5.51E-13	-4400.327		

COMB ULB02 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	1.18E-14	
3.41E-15	3.57E-13	-2850.031		
0.25000	393.027257	-93.925479	1.07E-14	
3.41E-15	3.56E-13	-2845.106		
0.50000	393.027257	-84.809229	9.62E-15	
3.41E-15	3.56E-13	-2840.638		
0.75000	393.027257	-75.692979	8.52E-15	
3.41E-15	3.55E-13	-2836.626		
1.00000	393.027257	-66.576729	7.42E-15	
3.41E-15	3.55E-13	-2833.069		

COMB ULB02 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	1.18E-14	
3.41E-15	3.57E-13	-2850.031		
0.25000	393.027257	-93.925479	1.07E-14	
3.41E-15	3.56E-13	-2845.106		
0.50000	393.027257	-84.809229	9.62E-15	
3.41E-15	3.56E-13	-2840.638		
0.75000	393.027257	-75.692979	8.52E-15	
3.41E-15	3.55E-13	-2836.626		
1.00000	393.027257	-66.576729	7.42E-15	
3.41E-15	3.55E-13	-2833.069		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB03 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	1.083274	
11.545765	2.680439	-2850.031		
0.25000	393.027257	-93.925479	1.520854	
11.545765	2.615336	-2845.106		
0.50000	393.027257	-84.809229	1.958434	
11.545765	2.528353	-2840.638		
0.75000	393.027257	-75.692979	2.396014	
11.545765	2.419492	-2836.626		
1.00000	393.027257	-66.576729	2.833594	
11.545765	2.288752	-2833.069		

COMB ULB03 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	1.083274	
11.545765	2.680439	-2850.031		
0.25000	393.027257	-93.925479	1.520854	
11.545765	2.615336	-2845.106		
0.50000	393.027257	-84.809229	1.958434	
11.545765	2.528353	-2840.638		
0.75000	393.027257	-75.692979	2.396014	
11.545765	2.419492	-2836.626		
1.00000	393.027257	-66.576729	2.833594	
11.545765	2.288752	-2833.069		

COMB ULB04 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	517.391285	-95.516736	0.541637	
5.772883	1.340219	-3796.170		
0.25000	517.391285	-86.400486	0.760427	
5.772883	1.307668	-3791.622		
0.50000	517.391285	-77.284236	0.979217	
5.772883	1.264177	-3787.530		
0.75000	517.391285	-68.167986	1.198007	
5.772883	1.209746	-3783.894		
1.00000	517.391285	-59.051736	1.416797	
5.772883	1.144376	-3780.713		

COMB ULB04 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	517.391285	-95.516736	0.541637	
5.772883	1.340219	-3796.170		
0.25000	517.391285	-86.400486	0.760427	
5.772883	1.307668	-3791.622		
0.50000	517.391285	-77.284236	0.979217	
5.772883	1.264177	-3787.530		
0.75000	517.391285	-68.167986	1.198007	
5.772883	1.209746	-3783.894		
1.00000	517.391285	-59.051736	1.416797	
5.772883	1.144376	-3780.713		

COMB ULB05 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	0.541637	
5.772883	1.340219	-2850.031		
0.25000	393.027257	-93.925479	0.760427	
5.772883	1.307668	-2845.106		
0.50000	393.027257	-84.809229	0.979217	
5.772883	1.264177	-2840.638		
0.75000	393.027257	-75.692979	1.198007	
5.772883	1.209746	-2836.626		
1.00000	393.027257	-66.576729	1.416797	
5.772883	1.144376	-2833.069		

COMB ULB05 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	0.541637	
5.772883	1.340219	-2850.031		
0.25000	393.027257	-93.925479	0.760427	
5.772883	1.307668	-2845.106		
0.50000	393.027257	-84.809229	0.979217	
5.772883	1.264177	-2840.638		
0.75000	393.027257	-75.692979	1.198007	
5.772883	1.209746	-2836.626		
1.00000	393.027257	-66.576729	1.416797	
5.772883	1.144376	-2833.069		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB06 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	517.391285	-95.516736	5.715491	
44.920434	-267.950248	-3796.170		
0.25000	517.391285	-86.400486	5.715491	
44.920434	-268.236023	-3791.622		
0.50000	517.391285	-77.284236	5.715491	
44.920434	-268.521797	-3787.530		
0.75000	517.391285	-68.167986	5.715491	
44.920434	-268.807572	-3783.894		
1.00000	517.391285	-59.051736	5.715491	
44.920434	-269.093346	-3780.713		

COMB ULB06 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	517.391285	-95.516736	5.715491	
44.920434	-267.950248	-3796.170		
0.25000	517.391285	-86.400486	5.715491	
44.920434	-268.236023	-3791.622		
0.50000	517.391285	-77.284236	5.715491	
44.920434	-268.521797	-3787.530		
0.75000	517.391285	-68.167986	5.715491	
44.920434	-268.807572	-3783.894		
1.00000	517.391285	-59.051736	5.715491	
44.920434	-269.093346	-3780.713		

COMB ULB07 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	517.391285	-95.516736	1.07E-14	
4.51E-15	4.75E-13	-3796.170		
0.25000	517.391285	-86.400486	9.61E-15	
4.51E-15	4.75E-13	-3791.622		
0.50000	517.391285	-77.284236	8.51E-15	
4.51E-15	4.74E-13	-3787.530		
0.75000	517.391285	-68.167986	7.40E-15	
4.51E-15	4.74E-13	-3783.894		
1.00000	517.391285	-59.051736	6.30E-15	
4.51E-15	4.74E-13	-3780.713		

COMB ULB07 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	517.391285	-95.516736	1.07E-14	
4.51E-15	4.75E-13	-3796.170		
0.25000	517.391285	-86.400486	9.61E-15	
4.51E-15	4.75E-13	-3791.622		
0.50000	517.391285	-77.284236	8.51E-15	
4.51E-15	4.74E-13	-3787.530		
0.75000	517.391285	-68.167986	7.40E-15	
4.51E-15	4.74E-13	-3783.894		
1.00000	517.391285	-59.051736	6.30E-15	
4.51E-15	4.74E-13	-3780.713		

COMB ULB08 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	5.715491	
44.920434	-267.950248	-2850.031		
0.25000	393.027257	-93.925479	5.715491	
44.920434	-268.236023	-2845.106		
0.50000	393.027257	-84.809229	5.715491	
44.920434	-268.521797	-2840.638		
0.75000	393.027257	-75.692979	5.715491	
44.920434	-268.807572	-2836.626		
1.00000	393.027257	-66.576729	5.715491	
44.920434	-269.093346	-2833.069		

COMB ULB08 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	5.715491	
44.920434	-267.950248	-2850.031		
0.25000	393.027257	-93.925479	5.715491	
44.920434	-268.236023	-2845.106		
0.50000	393.027257	-84.809229	5.715491	
44.920434	-268.521797	-2840.638		
0.75000	393.027257	-75.692979	5.715491	
44.920434	-268.807572	-2836.626		
1.00000	393.027257	-66.576729	5.715491	
44.920434	-269.093346	-2833.069		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB09 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	1.18E-14	
3.41E-15	3.57E-13	-2850.031		
0.25000	393.027257	-93.925479	1.07E-14	
3.41E-15	3.56E-13	-2845.106		
0.50000	393.027257	-84.809229	9.62E-15	
3.41E-15	3.56E-13	-2840.638		
0.75000	393.027257	-75.692979	8.52E-15	
3.41E-15	3.55E-13	-2836.626		
1.00000	393.027257	-66.576729	7.42E-15	
3.41E-15	3.55E-13	-2833.069		

COMB ULB09 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	393.027257	-103.041729	1.18E-14	
3.41E-15	3.57E-13	-2850.031		
0.25000	393.027257	-93.925479	1.07E-14	
3.41E-15	3.56E-13	-2845.106		
0.50000	393.027257	-84.809229	9.62E-15	
3.41E-15	3.56E-13	-2840.638		
0.75000	393.027257	-75.692979	8.52E-15	
3.41E-15	3.55E-13	-2836.626		
1.00000	393.027257	-66.576729	7.42E-15	
3.41E-15	3.55E-13	-2833.069		

COMB ULB10 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	377.910824	-99.078586	6.537273	
54.294422	-255.067124	-2740.414		
0.25000	377.910824	-90.312961	6.958023	
54.294422	-255.404507	-2735.679		
0.50000	377.910824	-81.547336	7.378773	
54.294422	-255.762927	-2731.383		
0.75000	377.910824	-72.781711	7.799523	
54.294422	-256.142384	-2727.525		
1.00000	377.910824	-64.016086	8.220273	
54.294422	-256.542879	-2724.105		

COMB ULB10 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	377.910824	-99.078586	6.537273	
54.294422	-255.067124	-2740.414		
0.25000	377.910824	-90.312961	6.958023	
54.294422	-255.404507	-2735.679		
0.50000	377.910824	-81.547336	7.378773	
54.294422	-255.762927	-2731.383		
0.75000	377.910824	-72.781711	7.799523	
54.294422	-256.142384	-2727.525		
1.00000	377.910824	-64.016086	8.220273	
54.294422	-256.542879	-2724.105		

COMB ULB11 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	377.910824	-99.078586	1.041610	
11.101697	2.577345	-2740.414		
0.25000	377.910824	-90.312961	1.462360	
11.101697	2.514746	-2735.679		
0.50000	377.910824	-81.547336	1.883110	
11.101697	2.431109	-2731.383		
0.75000	377.910824	-72.781711	2.303860	
11.101697	2.326435	-2727.525		
1.00000	377.910824	-64.016086	2.724610	
11.101697	2.200723	-2724.105		

COMB ULB11 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	377.910824	-99.078586	1.041610	
11.101697	2.577345	-2740.414		
0.25000	377.910824	-90.312961	1.462360	
11.101697	2.514746	-2735.679		
0.50000	377.910824	-81.547336	1.883110	
11.101697	2.431109	-2731.383		
0.75000	377.910824	-72.781711	2.303860	
11.101697	2.326435	-2727.525		
1.00000	377.910824	-64.016086	2.724610	
11.101697	2.200723	-2724.105		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB12 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	497.491620	-91.843015	6.016469	
48.743573	-256.355797	-3650.163		
0.25000	497.491620	-83.077390	6.226844	
48.743573	-256.661880	-3645.790		
0.50000	497.491620	-74.311765	6.437219	
48.743573	-256.978481	-3641.856		
0.75000	497.491620	-65.546140	6.647594	
48.743573	-257.305602	-3638.359		
1.00000	497.491620	-56.780515	6.857969	
48.743573	-257.643241	-3635.301		

COMB ULB12 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	497.491620	-91.843015	6.016469	
48.743573	-256.355797	-3650.163		
0.25000	497.491620	-83.077390	6.226844	
48.743573	-256.661880	-3645.790		
0.50000	497.491620	-74.311765	6.437219	
48.743573	-256.978481	-3641.856		
0.75000	497.491620	-65.546140	6.647594	
48.743573	-257.305602	-3638.359		
1.00000	497.491620	-56.780515	6.857969	
48.743573	-257.643241	-3635.301		

COMB ULB13 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	497.491620	-91.843015	0.520805	
5.550849	1.288673	-3650.163		
0.25000	497.491620	-83.077390	0.731180	
5.550849	1.257373	-3645.790		
0.50000	497.491620	-74.311765	0.941555	
5.550849	1.215555	-3641.856		
0.75000	497.491620	-65.546140	1.151930	
5.550849	1.163217	-3638.359		
1.00000	497.491620	-56.780515	1.362305	
5.550849	1.100362	-3635.301		

COMB ULB13 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	497.491620	-91.843015	0.520805	
5.550849	1.288673	-3650.163		
0.25000	497.491620	-83.077390	0.731180	
5.550849	1.257373	-3645.790		
0.50000	497.491620	-74.311765	0.941555	
5.550849	1.215555	-3641.856		
0.75000	497.491620	-65.546140	1.151930	
5.550849	1.163217	-3638.359		
1.00000	497.491620	-56.780515	1.362305	
5.550849	1.100362	-3635.301		

COMB ULB14 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	377.910824	-99.078586	6.016469	
48.743573	-256.355797	-2740.414		
0.25000	377.910824	-90.312961	6.226844	
48.743573	-256.661880	-2735.679		
0.50000	377.910824	-81.547336	6.437219	
48.743573	-256.978481	-2731.383		
0.75000	377.910824	-72.781711	6.647594	
48.743573	-257.305602	-2727.525		
1.00000	377.910824	-64.016086	6.857969	
48.743573	-257.643241	-2724.105		

COMB ULB14 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	377.910824	-99.078586	6.016469	
48.743573	-256.355797	-2740.414		
0.25000	377.910824	-90.312961	6.226844	
48.743573	-256.661880	-2735.679		
0.50000	377.910824	-81.547336	6.437219	

48.743573 -256.978481 -2731.383
0.75000 377.910824 -72.781711 6.647594
48.743573 -257.305602 -2727.525
1.00000 377.910824 -64.016086 6.857969
48.743573 -257.643241 -2724.105

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	-99.078586	0.520805
5.550849	1.288673	-2740.414	
0.25000	377.910824	-90.312961	0.731180
5.550849	1.257373	-2735.679	
0.50000	377.910824	-81.547336	0.941555
5.550849	1.215555	-2731.383	
0.75000	377.910824	-72.781711	1.151930
5.550849	1.163217	-2727.525	
1.00000	377.910824	-64.016086	1.362305
5.550849	1.100362	-2724.105	

COMB ULB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	-99.078586	0.520805
5.550849	1.288673	-2740.414	
0.25000	377.910824	-90.312961	0.731180
5.550849	1.257373	-2735.679	
0.50000	377.910824	-81.547336	0.941555
5.550849	1.215555	-2731.383	
0.75000	377.910824	-72.781711	1.151930
5.550849	1.163217	-2727.525	
1.00000	377.910824	-64.016086	1.362305
5.550849	1.100362	-2724.105	

COMB ULB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB ULB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB ULB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-95.516736	1.07E-14
4.51E-15	4.75E-13	-3796.170	
0.25000	517.391285	-86.400486	9.61E-15
4.51E-15	4.75E-13	-3791.622	
0.50000	517.391285	-77.284236	8.51E-15
4.51E-15	4.74E-13	-3787.530	
0.75000	517.391285	-68.167986	7.40E-15
4.51E-15	4.74E-13	-3783.894	
1.00000	517.391285	-59.051736	6.30E-15
4.51E-15	4.74E-13	-3780.713	

COMB ULB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-95.516736	1.07E-14
4.51E-15	4.75E-13	-3796.170	
0.25000	517.391285	-86.400486	9.61E-15
4.51E-15	4.75E-13	-3791.622	
0.50000	517.391285	-77.284236	8.51E-15
4.51E-15	4.74E-13	-3787.530	
0.75000	517.391285	-68.167986	7.40E-15
4.51E-15	4.74E-13	-3783.894	
1.00000	517.391285	-59.051736	6.30E-15
4.51E-15	4.74E-13	-3780.713	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	-95.115442	0.999945
10.657629	2.474251	-2630.798	
0.25000	362.794391	-86.700442	1.403865
10.657629	2.414156	-2626.252	
0.50000	362.794391	-78.285442	1.807785
10.657629	2.333865	-2622.127	
0.75000	362.794391	-69.870442	2.211705
10.657629	2.233377	-2618.424	
1.00000	362.794391	-61.455442	2.615625
10.657629	2.112694	-2615.140	

COMB ULB18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	-95.115442	0.999945
10.657629	2.474251	-2630.798	
0.25000	362.794391	-86.700442	1.403865
10.657629	2.414156	-2626.252	
0.50000	362.794391	-78.285442	1.807785
10.657629	2.333865	-2622.127	
0.75000	362.794391	-69.870442	2.211705
10.657629	2.233377	-2618.424	
1.00000	362.794391	-61.455442	2.615625
10.657629	2.112694	-2615.140	

COMB UEB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-66.817687	7.25E-15
4.43E-15	4.71E-13	-3757.100	
0.25000	508.007629	-59.805187	6.40E-15
4.43E-15	4.70E-13	-3753.935	
0.50000	508.007629	-52.792687	5.55E-15
4.43E-15	4.70E-13	-3751.120	
0.75000	508.007629	-45.780187	4.70E-15
4.43E-15	4.70E-13	-3748.655	
1.00000	508.007629	-38.767687	3.86E-15
4.43E-15	4.69E-13	-3746.542	

COMB UEB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-66.817687	7.25E-15
4.43E-15	4.71E-13	-3757.100	
0.25000	508.007629	-59.805187	6.40E-15
4.43E-15	4.70E-13	-3753.935	
0.50000	508.007629	-52.792687	5.55E-15
4.43E-15	4.70E-13	-3751.120	
0.75000	508.007629	-45.780187	4.70E-15
4.43E-15	4.70E-13	-3748.655	
1.00000	508.007629	-38.767687	3.86E-15
4.43E-15	4.69E-13	-3746.542	

COMB UEB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB UEB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	1.083274
11.545765	2.680439	-2192.331	
0.25000	302.328660	-72.250369	1.520854
11.545765	2.615336	-2188.543	
0.50000	302.328660	-65.237869	1.958434
11.545765	2.528353	-2185.106	
0.75000	302.328660	-58.225369	2.396014
11.545765	2.419492	-2182.020	
1.00000	302.328660	-51.212869	2.833594
11.545765	2.288752	-2179.284	

COMB UEB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	1.083274
11.545765	2.680439	-2192.331	
0.25000	302.328660	-72.250369	1.520854
11.545765	2.615336	-2188.543	
0.50000	302.328660	-65.237869	1.958434
11.545765	2.528353	-2185.106	
0.75000	302.328660	-58.225369	2.396014
11.545765	2.419492	-2182.020	
1.00000	302.328660	-51.212869	2.833594
11.545765	2.288752	-2179.284	

COMB UEB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-71.737875	0.541637
5.772883	1.340219	-3138.471	
0.25000	426.692687	-64.725375	0.760427
5.772883	1.307668	-3135.059	
0.50000	426.692687	-57.712875	0.979217
5.772883	1.264177	-3131.998	
0.75000	426.692687	-50.700375	1.198007
5.772883	1.209746	-3129.288	
1.00000	426.692687	-43.687875	1.416797
5.772883	1.144376	-3126.928	

COMB UEB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-71.737875	0.541637
5.772883	1.340219	-3138.471	
0.25000	426.692687	-64.725375	0.760427
5.772883	1.307668	-3135.059	
0.50000	426.692687	-57.712875	0.979217
5.772883	1.264177	-3131.998	
0.75000	426.692687	-50.700375	1.198007
5.772883	1.209746	-3129.288	
1.00000	426.692687	-43.687875	1.416797
5.772883	1.144376	-3126.928	

COMB UEB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	0.541637
5.772883	1.340219	-2192.331	
0.25000	302.328660	-72.250369	0.760427
5.772883	1.307668	-2188.543	
0.50000	302.328660	-65.237869	0.979217
5.772883	1.264177	-2185.106	
0.75000	302.328660	-58.225369	1.198007
5.772883	1.209746	-2182.020	
1.00000	302.328660	-51.212869	1.416797
5.772883	1.144376	-2179.284	

COMB UEB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	0.541637
5.772883	1.340219	-2192.331	
0.25000	302.328660	-72.250369	0.760427
5.772883	1.307668	-2188.543	
0.50000	302.328660	-65.237869	0.979217
5.772883	1.264177	-2185.106	
0.75000	302.328660	-58.225369	1.198007
5.772883	1.209746	-2182.020	
1.00000	302.328660	-51.212869	1.416797
5.772883	1.144376	-2179.284

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-71.737875	5.715491
44.920434	-267.950248	-3138.471	
0.25000	426.692687	-64.725375	5.715491
44.920434	-268.236023	-3135.059	
0.50000	426.692687	-57.712875	5.715491
44.920434	-268.521797	-3131.998	
0.75000	426.692687	-50.700375	5.715491
44.920434	-268.807572	-3129.288	
1.00000	426.692687	-43.687875	5.715491
44.920434	-269.093346	-3126.928	

COMB UEB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-71.737875	5.715491
44.920434	-267.950248	-3138.471	
0.25000	426.692687	-64.725375	5.715491
44.920434	-268.236023	-3135.059	
0.50000	426.692687	-57.712875	5.715491
44.920434	-268.521797	-3131.998	
0.75000	426.692687	-50.700375	5.715491
44.920434	-268.807572	-3129.288	
1.00000	426.692687	-43.687875	5.715491
44.920434	-269.093346	-3126.928	

COMB UEB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-71.737875	7.98E-15
3.72E-15	3.93E-13	-3138.471	
0.25000	426.692687	-64.725375	7.13E-15
3.72E-15	3.93E-13	-3135.059	
0.50000	426.692687	-57.712875	6.28E-15
3.72E-15	3.92E-13	-3131.998	
0.75000	426.692687	-50.700375	5.44E-15
3.72E-15	3.92E-13	-3129.288	
1.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	

COMB UEB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-71.737875	7.98E-15
3.72E-15	3.93E-13	-3138.471	
0.25000	426.692687	-64.725375	7.13E-15
3.72E-15	3.93E-13	-3135.059	
0.50000	426.692687	-57.712875	6.28E-15
3.72E-15	3.92E-13	-3131.998	
0.75000	426.692687	-50.700375	5.44E-15
3.72E-15	3.92E-13	-3129.288	
1.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	

COMB UEB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	5.715491
44.920434	-267.950248	-2192.331	
0.25000	302.328660	-72.250369	5.715491
44.920434	-268.236023	-2188.543	
0.50000	302.328660	-65.237869	5.715491
44.920434	-268.521797	-2185.106	
0.75000	302.328660	-58.225369	5.715491
44.920434	-268.807572	-2182.020	
1.00000	302.328660	-51.212869	5.715491
44.920434	-269.093346	-2179.284	

COMB UEB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	5.715491
44.920434	-267.950248	-2192.331	
0.25000	302.328660	-72.250369	5.715491
44.920434	-268.236023	-2188.543	
0.50000	302.328660	-65.237869	5.715491
44.920434	-268.521797	-2185.106	
0.75000	302.328660	-58.225369	5.715491
44.920434	-268.807572	-2182.020	
1.00000	302.328660	-51.212869	5.715491
44.920434	-269.093346	-2179.284

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB UEB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB UEB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-75.299725	6.537273
54.294422	-255.067124	-2082.715	
0.25000	287.212227	-68.637850	6.958023
54.294422	-255.404507	-2079.116	
0.50000	287.212227	-61.975975	7.378773
54.294422	-255.762927	-2075.851	
0.75000	287.212227	-55.314100	7.799523
54.294422	-256.142384	-2072.919	
1.00000	287.212227	-48.652225	8.220273
54.294422	-256.542879	-2070.320	

COMB UEB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-75.299725	6.537273
54.294422	-255.067124	-2082.715	
0.25000	287.212227	-68.637850	6.958023
54.294422	-255.404507	-2079.116	
0.50000	287.212227	-61.975975	7.378773
54.294422	-255.762927	-2075.851	
0.75000	287.212227	-55.314100	7.799523
54.294422	-256.142384	-2072.919	
1.00000	287.212227	-48.652225	8.220273
54.294422	-256.542879	-2070.320	

COMB UEB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-75.299725	1.041610
11.101697	2.577345	-2082.715	
0.25000	287.212227	-68.637850	1.462360
11.101697	2.514746	-2079.116	
0.50000	287.212227	-61.975975	1.883110
11.101697	2.431109	-2075.851	
0.75000	287.212227	-55.314100	2.303860
11.101697	2.326435	-2072.919	
1.00000	287.212227	-48.652225	2.724610
11.101697	2.200723	-2070.320	

COMB UEB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-75.299725	1.041610
11.101697	2.577345	-2082.715	
0.25000	287.212227	-68.637850	1.462360
11.101697	2.514746	-2079.116	
0.50000	287.212227	-61.975975	1.883110
11.101697	2.431109	-2075.851	
0.75000	287.212227	-55.314100	2.303860
11.101697	2.326435	-2072.919	
1.00000	287.212227	-48.652225	2.724610
11.101697	2.200723	-2070.320

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-68.064155	6.016469
48.743573	-256.355797	-2992.464	
0.25000	406.793023	-61.402280	6.226844
48.743573	-256.661880	-2989.227	
0.50000	406.793023	-54.740405	6.437219
48.743573	-256.978481	-2986.324	
0.75000	406.793023	-48.078530	6.647594
48.743573	-257.305602	-2983.753	
1.00000	406.793023	-41.416655	6.857969
48.743573	-257.643241	-2981.516	

COMB UEB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-68.064155	6.016469
48.743573	-256.355797	-2992.464	
0.25000	406.793023	-61.402280	6.226844
48.743573	-256.661880	-2989.227	
0.50000	406.793023	-54.740405	6.437219
48.743573	-256.978481	-2986.324	
0.75000	406.793023	-48.078530	6.647594
48.743573	-257.305602	-2983.753	
1.00000	406.793023	-41.416655	6.857969
48.743573	-257.643241	-2981.516	

COMB UEB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-68.064155	0.520805
5.550849	1.288673	-2992.464	
0.25000	406.793023	-61.402280	0.731180
5.550849	1.257373	-2989.227	
0.50000	406.793023	-54.740405	0.941555
5.550849	1.215555	-2986.324	
0.75000	406.793023	-48.078530	1.151930
5.550849	1.163217	-2983.753	
1.00000	406.793023	-41.416655	1.362305
5.550849	1.100362	-2981.516	

COMB UEB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-68.064155	0.520805
5.550849	1.288673	-2992.464	
0.25000	406.793023	-61.402280	0.731180
5.550849	1.257373	-2989.227	
0.50000	406.793023	-54.740405	0.941555
5.550849	1.215555	-2986.324	
0.75000	406.793023	-48.078530	1.151930
5.550849	1.163217	-2983.753	
1.00000	406.793023	-41.416655	1.362305
5.550849	1.100362	-2981.516	

COMB UEB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-75.299725	6.016469
48.743573	-256.355797	-2082.715	
0.25000	287.212227	-68.637850	6.226844
48.743573	-256.661880	-2079.116	
0.50000	287.212227	-61.975975	6.437219
48.743573	-256.978481	-2075.851	
0.75000	287.212227	-55.314100	6.647594
48.743573	-257.305602	-2072.919	
1.00000	287.212227	-48.652225	6.857969
48.743573	-257.643241	-2070.320	

COMB UEB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-75.299725	6.016469
48.743573	-256.355797	-2082.715	
0.25000	287.212227	-68.637850	6.226844
48.743573	-256.661880	-2079.116	
0.50000	287.212227	-61.975975	6.437219
48.743573	-256.978481	-2075.851	
0.75000	287.212227	-55.314100	6.647594
48.743573	-257.305602	-2072.919	
1.00000	287.212227	-48.652225	6.857969
48.743573	-257.643241	-2070.320	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-75.299725	0.520805
5.550849	1.288673	-2082.715	
0.25000	287.212227	-68.637850	0.731180
5.550849	1.257373	-2079.116	
0.50000	287.212227	-61.975975	0.941555
5.550849	1.215555	-2075.851	
0.75000	287.212227	-55.314100	1.151930
5.550849	1.163217	-2072.919	
1.00000	287.212227	-48.652225	1.362305
5.550849	1.100362	-2070.320	

COMB UEB15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-75.299725	0.520805
5.550849	1.288673	-2082.715	
0.25000	287.212227	-68.637850	0.731180
5.550849	1.257373	-2079.116	
0.50000	287.212227	-61.975975	0.941555
5.550849	1.215555	-2075.851	
0.75000	287.212227	-55.314100	1.151930
5.550849	1.163217	-2072.919	
1.00000	287.212227	-48.652225	1.362305
5.550849	1.100362	-2070.320	

COMB UEB16 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB UEB16 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-79.262869	9.10E-15
2.63E-15	2.75E-13	-2192.331	
0.25000	302.328660	-72.250369	8.25E-15
2.63E-15	2.74E-13	-2188.543	
0.50000	302.328660	-65.237869	7.40E-15
2.63E-15	2.74E-13	-2185.106	
0.75000	302.328660	-58.225369	6.55E-15
2.63E-15	2.73E-13	-2182.020	
1.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	

COMB UEB17 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-71.737875	7.98E-15
3.72E-15	3.93E-13	-3138.471	
0.25000	426.692687	-64.725375	7.13E-15
3.72E-15	3.93E-13	-3135.059	
0.50000	426.692687	-57.712875	6.28E-15
3.72E-15	3.92E-13	-3131.998	
0.75000	426.692687	-50.700375	5.44E-15
3.72E-15	3.92E-13	-3129.288	
1.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	

COMB UEB17 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-71.737875	7.98E-15
3.72E-15	3.93E-13	-3138.471	
0.25000	426.692687	-64.725375	7.13E-15
3.72E-15	3.93E-13	-3135.059	
0.50000	426.692687	-57.712875	6.28E-15
3.72E-15	3.92E-13	-3131.998	
0.75000	426.692687	-50.700375	5.44E-15
3.72E-15	3.92E-13	-3129.288	
1.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB18 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	272.095794	-71.336582	0.999945
10.657629	2.474251	-1973.098	
0.25000	272.095794	-65.025332	1.403865
10.657629	2.414156	-1969.689	
0.50000	272.095794	-58.714082	1.807785
10.657629	2.333865	-1966.596	
0.75000	272.095794	-52.402832	2.211705
10.657629	2.233377	-1963.818	
1.00000	272.095794	-46.091582	2.615625
10.657629	2.112694	-1961.355	

COMB UEB18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	272.095794	-71.336582	0.999945
10.657629	2.474251	-1973.098	
0.25000	272.095794	-65.025332	1.403865
10.657629	2.414156	-1969.689	
0.50000	272.095794	-58.714082	1.807785
10.657629	2.333865	-1966.596	
0.75000	272.095794	-52.402832	2.211705
10.657629	2.233377	-1963.818	
1.00000	272.095794	-46.091582	2.615625
10.657629	2.112694	-1961.355	

COMB SVO01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-72.906299	8.17E-15
3.47E-15	3.66E-13	-2919.909	
0.25000	398.007311	-65.893799	7.32E-15
3.47E-15	3.65E-13	-2916.439	
0.50000	398.007311	-58.881299	6.47E-15
3.47E-15	3.65E-13	-2913.320	
0.75000	398.007311	-51.868799	5.62E-15
3.47E-15	3.65E-13	-2910.551	
1.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	

COMB SVO01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-72.906299	8.17E-15
3.47E-15	3.66E-13	-2919.909	
0.25000	398.007311	-65.893799	7.32E-15
3.47E-15	3.65E-13	-2916.439	
0.50000	398.007311	-58.881299	6.47E-15
3.47E-15	3.65E-13	-2913.320	
0.75000	398.007311	-51.868799	5.62E-15
3.47E-15	3.65E-13	-2910.551	
1.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	

COMB SVO02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

COMB SVO02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1008.619	-1.23E-13
4.58E-15	2.27E-13	-1773.991	
0.25000	316.712455	1015.631	-1.24E-13
4.58E-15	2.34E-13	-1824.597	
0.50000	316.712455	1022.644	-1.25E-13
4.58E-15	2.40E-13	-1875.554	
0.75000	316.712455	1029.656	-1.26E-13
4.58E-15	2.46E-13	-1926.861	
1.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	

COMB SVO03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1008.619	-1.23E-13
4.58E-15	2.27E-13	-1773.991	
0.25000	316.712455	1015.631	-1.24E-13
4.58E-15	2.34E-13	-1824.597	
0.50000	316.712455	1022.644	-1.25E-13
4.58E-15	2.40E-13	-1875.554	
0.75000	316.712455	1029.656	-1.26E-13
4.58E-15	2.46E-13	-1926.861	
1.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	

COMB SVO04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	408.792913	616.712517	-7.56E-14
4.71E-15	3.36E-13	-2653.998	
0.25000	408.792913	623.725017	-7.64E-14
4.71E-15	3.39E-13	-2685.009	
0.50000	408.792913	630.737517	-7.73E-14
4.71E-15	3.43E-13	-2716.371	
0.75000	408.792913	637.750017	-7.81E-14
4.71E-15	3.47E-13	-2748.083	
1.00000	408.792913	644.762517	-7.90E-14
4.71E-15	3.51E-13	-2780.146	

COMB SVO04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	408.792913	616.712517	-7.56E-14
4.71E-15	3.36E-13	-2653.998	
0.25000	408.792913	623.725017	-7.64E-14
4.71E-15	3.39E-13	-2685.009	
0.50000	408.792913	630.737517	-7.73E-14
4.71E-15	3.43E-13	-2716.371	
0.75000	408.792913	637.750017	-7.81E-14
4.71E-15	3.47E-13	-2748.083	
1.00000	408.792913	644.762517	-7.90E-14
4.71E-15	3.51E-13	-2780.146	

COMB SVO05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	313.128276	610.924060	-7.47E-14
3.87E-15	2.45E-13	-1926.199	
0.25000	313.128276	617.936560	-7.56E-14
3.87E-15	2.48E-13	-1956.920	
0.50000	313.128276	624.949060	-7.64E-14
3.87E-15	2.52E-13	-1987.992	
0.75000	313.128276	631.961560	-7.73E-14
3.87E-15	2.56E-13	-2019.415	
1.00000	313.128276	638.974060	-7.81E-14
3.87E-15	2.60E-13	-2051.188	

COMB SVO05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	313.128276	610.924060	-7.47E-14
3.87E-15	2.45E-13	-1926.199	
0.25000	313.128276	617.936560	-7.56E-14
3.87E-15	2.48E-13	-1956.920	
0.50000	313.128276	624.949060	-7.64E-14
3.87E-15	2.52E-13	-1987.992	
0.75000	313.128276	631.961560	-7.73E-14
3.87E-15	2.56E-13	-2019.415	
1.00000	313.128276	638.974060	-7.81E-14
3.87E-15	2.60E-13	-2051.188	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	330.618468	-75.471037	8.41E-15
3.88E-15	4.11E-13	-3285.089	
0.25000	330.618468	-68.458537	7.56E-15
3.88E-15	4.11E-13	-3281.491	
0.50000	330.618468	-61.446037	6.71E-15
3.88E-15	4.11E-13	-3278.243	
0.75000	330.618468	-54.433537	5.86E-15
3.88E-15	4.10E-13	-3275.346	
1.00000	330.618468	-47.421037	5.01E-15
3.88E-15	4.10E-13	-3272.800	

COMB SVO06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	330.618468	-75.471037	8.41E-15
3.88E-15	4.11E-13	-3285.089	
0.25000	330.618468	-68.458537	7.56E-15
3.88E-15	4.11E-13	-3281.491	
0.50000	330.618468	-61.446037	6.71E-15
3.88E-15	4.11E-13	-3278.243	
0.75000	330.618468	-54.433537	5.86E-15
3.88E-15	4.10E-13	-3275.346	
1.00000	330.618468	-47.421037	5.01E-15
3.88E-15	4.10E-13	-3272.800	

COMB SVO07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-72.906299	8.17E-15
3.47E-15	3.66E-13	-2919.909	
0.25000	398.007311	-65.893799	7.32E-15
3.47E-15	3.65E-13	-2916.439	
0.50000	398.007311	-58.881299	6.47E-15
3.47E-15	3.65E-13	-2913.320	
0.75000	398.007311	-51.868799	5.62E-15
3.47E-15	3.65E-13	-2910.551	
1.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	

COMB SVO07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-72.906299	8.17E-15
3.47E-15	3.66E-13	-2919.909	
0.25000	398.007311	-65.893799	7.32E-15
3.47E-15	3.65E-13	-2916.439	
0.50000	398.007311	-58.881299	6.47E-15
3.47E-15	3.65E-13	-2913.320	
0.75000	398.007311	-51.868799	5.62E-15
3.47E-15	3.65E-13	-2910.551	
1.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	

COMB SVO08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	234.953831	-81.259494	9.27E-15
3.04E-15	3.20E-13	-2557.290	
0.25000	234.953831	-74.246994	8.42E-15
3.04E-15	3.20E-13	-2553.402	
0.50000	234.953831	-67.234494	7.57E-15
3.04E-15	3.19E-13	-2549.865	
0.75000	234.953831	-60.221994	6.72E-15
3.04E-15	3.19E-13	-2546.679	
1.00000	234.953831	-53.209494	5.87E-15
3.04E-15	3.19E-13	-2543.843	

COMB SVO08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	234.953831	-81.259494	9.27E-15
3.04E-15	3.20E-13	-2557.290	
0.25000	234.953831	-74.246994	8.42E-15
3.04E-15	3.20E-13	-2553.402	
0.50000	234.953831	-67.234494	7.57E-15
3.04E-15	3.19E-13	-2549.865	
0.75000	234.953831	-60.221994	6.72E-15
3.04E-15	3.19E-13	-2546.679	
1.00000	234.953831	-53.209494	5.87E-15
3.04E-15	3.19E-13	-2543.843	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

COMB SVO09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

COMB SVO10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	249.323611	1006.054	-1.23E-13
4.99E-15	2.73E-13	-2139.170	
0.25000	249.323611	1013.067	-1.24E-13
4.99E-15	2.79E-13	-2189.648	
0.50000	249.323611	1020.079	-1.24E-13
4.99E-15	2.85E-13	-2240.477	
0.75000	249.323611	1027.092	-1.25E-13
4.99E-15	2.92E-13	-2291.656	
1.00000	249.323611	1034.104	-1.26E-13
4.99E-15	2.98E-13	-2343.186	

COMB SVO10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	249.323611	1006.054	-1.23E-13
4.99E-15	2.73E-13	-2139.170	
0.25000	249.323611	1013.067	-1.24E-13
4.99E-15	2.79E-13	-2189.648	
0.50000	249.323611	1020.079	-1.24E-13
4.99E-15	2.85E-13	-2240.477	
0.75000	249.323611	1027.092	-1.25E-13
4.99E-15	2.92E-13	-2291.656	
1.00000	249.323611	1034.104	-1.26E-13
4.99E-15	2.98E-13	-2343.186	

COMB SVO11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1008.619	-1.23E-13
4.58E-15	2.27E-13	-1773.991	
0.25000	316.712455	1015.631	-1.24E-13
4.58E-15	2.34E-13	-1824.597	
0.50000	316.712455	1022.644	-1.25E-13
4.58E-15	2.40E-13	-1875.554	
0.75000	316.712455	1029.656	-1.26E-13
4.58E-15	2.46E-13	-1926.861	
1.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	

COMB SVO11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1008.619	-1.23E-13
4.58E-15	2.27E-13	-1773.991	
0.25000	316.712455	1015.631	-1.24E-13
4.58E-15	2.34E-13	-1824.597	
0.50000	316.712455	1022.644	-1.25E-13
4.58E-15	2.40E-13	-1875.554	
0.75000	316.712455	1029.656	-1.26E-13
4.58E-15	2.46E-13	-1926.861	
1.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	341.404070	614.147778	-7.53E-14
5.12E-15	3.81E-13	-3019.178	
0.25000	341.404070	621.160278	-7.62E-14
5.12E-15	3.85E-13	-3050.060	
0.50000	341.404070	628.172778	-7.70E-14
5.12E-15	3.89E-13	-3081.294	
0.75000	341.404070	635.185278	-7.79E-14
5.12E-15	3.93E-13	-3112.878	
1.00000	341.404070	642.197778	-7.87E-14
5.12E-15	3.97E-13	-3144.812	

COMB SVO12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	341.404070	614.147778	-7.53E-14
5.12E-15	3.81E-13	-3019.178	
0.25000	341.404070	621.160278	-7.62E-14
5.12E-15	3.85E-13	-3050.060	
0.50000	341.404070	628.172778	-7.70E-14
5.12E-15	3.89E-13	-3081.294	
0.75000	341.404070	635.185278	-7.79E-14
5.12E-15	3.93E-13	-3112.878	
1.00000	341.404070	642.197778	-7.87E-14
5.12E-15	3.97E-13	-3144.812	

COMB SVO13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	408.792913	616.712517	-7.56E-14
4.71E-15	3.36E-13	-2653.998	
0.25000	408.792913	623.725017	-7.64E-14
4.71E-15	3.39E-13	-2685.009	
0.50000	408.792913	630.737517	-7.73E-14
4.71E-15	3.43E-13	-2716.371	
0.75000	408.792913	637.750017	-7.81E-14
4.71E-15	3.47E-13	-2748.083	
1.00000	408.792913	644.762517	-7.90E-14
4.71E-15	3.51E-13	-2780.146	

COMB SVO13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	408.792913	616.712517	-7.56E-14
4.71E-15	3.36E-13	-2653.998	
0.25000	408.792913	623.725017	-7.64E-14
4.71E-15	3.39E-13	-2685.009	
0.50000	408.792913	630.737517	-7.73E-14
4.71E-15	3.43E-13	-2716.371	
0.75000	408.792913	637.750017	-7.81E-14
4.71E-15	3.47E-13	-2748.083	
1.00000	408.792913	644.762517	-7.90E-14
4.71E-15	3.51E-13	-2780.146	

COMB SVO14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	245.739433	608.359322	-7.45E-14
4.28E-15	2.90E-13	-2291.378	
0.25000	245.739433	615.371822	-7.53E-14
4.28E-15	2.94E-13	-2321.972	
0.50000	245.739433	622.384322	-7.62E-14
4.28E-15	2.98E-13	-2352.916	
0.75000	245.739433	629.396822	-7.70E-14
4.28E-15	3.02E-13	-2384.210	
1.00000	245.739433	636.409322	-7.79E-14
4.28E-15	3.05E-13	-2415.855	

COMB SVO14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	245.739433	608.359322	-7.45E-14
4.28E-15	2.90E-13	-2291.378	
0.25000	245.739433	615.371822	-7.53E-14
4.28E-15	2.94E-13	-2321.972	
0.50000	245.739433	622.384322	-7.62E-14
4.28E-15	2.98E-13	-2352.916	
0.75000	245.739433	629.396822	-7.70E-14
4.28E-15	3.02E-13	-2384.210	
1.00000	245.739433	636.409322	-7.79E-14
4.28E-15	3.05E-13	-2415.855	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	313.128276	610.924060	-7.47E-14

3.87E-15	2.45E-13	-1926.199	
0.25000	313.128276	617.936560	-7.56E-14
3.87E-15	2.48E-13	-1956.920	
0.50000	313.128276	624.949060	-7.64E-14
3.87E-15	2.52E-13	-1987.992	
0.75000	313.128276	631.961560	-7.73E-14
3.87E-15	2.56E-13	-2019.415	
1.00000	313.128276	638.974060	-7.81E-14
3.87E-15	2.60E-13	-2051.188	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	610.924060	-7.47E-14
3.87E-15	2.45E-13	-1926.199	
0.25000	313.128276	617.936560	-7.56E-14
3.87E-15	2.48E-13	-1956.920	
0.50000	313.128276	624.949060	-7.64E-14
3.87E-15	2.52E-13	-1987.992	
0.75000	313.128276	631.961560	-7.73E-14
3.87E-15	2.56E-13	-2019.415	
1.00000	313.128276	638.974060	-7.81E-14
3.87E-15	2.60E-13	-2051.188	

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-89.858000	9.89E-15
5.22E-15	5.53E-13	-4414.512	
0.25000	598.724446	-80.741750	8.79E-15
5.22E-15	5.52E-13	-4410.247	
0.50000	598.724446	-71.625500	7.68E-15
5.22E-15	5.52E-13	-4406.438	
0.75000	598.724446	-62.509250	6.58E-15
5.22E-15	5.52E-13	-4403.084	
1.00000	598.724446	-53.393000	5.48E-15
5.22E-15	5.51E-13	-4400.187	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-89.858000	9.89E-15
5.22E-15	5.53E-13	-4414.512	
0.25000	598.724446	-80.741750	8.79E-15
5.22E-15	5.52E-13	-4410.247	
0.50000	598.724446	-71.625500	7.68E-15
5.22E-15	5.52E-13	-4406.438	
0.75000	598.724446	-62.509250	6.58E-15
5.22E-15	5.52E-13	-4403.084	
1.00000	598.724446	-53.393000	5.48E-15
5.22E-15	5.51E-13	-4400.187	

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-102.303182	1.17E-14
3.41E-15	3.57E-13	-2849.743	
0.25000	393.045476	-93.186932	1.06E-14
3.41E-15	3.56E-13	-2844.856	
0.50000	393.045476	-84.070682	9.53E-15
3.41E-15	3.56E-13	-2840.424	
0.75000	393.045476	-74.954432	8.43E-15
3.41E-15	3.55E-13	-2836.449	
1.00000	393.045476	-65.838182	7.33E-15
3.41E-15	3.55E-13	-2832.929	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-102.303182	1.17E-14
3.41E-15	3.57E-13	-2849.743	
0.25000	393.045476	-93.186932	1.06E-14
3.41E-15	3.56E-13	-2844.856	
0.50000	393.045476	-84.070682	9.53E-15
3.41E-15	3.56E-13	-2840.424	
0.75000	393.045476	-74.954432	8.43E-15
3.41E-15	3.55E-13	-2836.449	
1.00000	393.045476	-65.838182	7.33E-15
3.41E-15	3.55E-13	-2832.929	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1311.205	-1.60E-13
5.96E-15	2.96E-13	-2306.188	
0.25000	411.726191	1320.321	-1.61E-13
5.96E-15	3.04E-13	-2371.976	
0.50000	411.726191	1329.437	-1.62E-13
5.96E-15	3.12E-13	-2438.220	
0.75000	411.726191	1338.553	-1.63E-13
5.96E-15	3.20E-13	-2504.920	
1.00000	411.726191	1347.670	-1.64E-13
5.96E-15	3.28E-13	-2572.075	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1311.205	-1.60E-13
5.96E-15	2.96E-13	-2306.188	
0.25000	411.726191	1320.321	-1.61E-13
5.96E-15	3.04E-13	-2371.976	
0.50000	411.726191	1329.437	-1.62E-13
5.96E-15	3.12E-13	-2438.220	
0.75000	411.726191	1338.553	-1.63E-13
5.96E-15	3.20E-13	-2504.920	
1.00000	411.726191	1347.670	-1.64E-13
5.96E-15	3.28E-13	-2572.075	

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	801.726272	-9.83E-14
6.12E-15	4.36E-13	-3450.198	
0.25000	531.430787	810.842522	-9.94E-14
6.12E-15	4.41E-13	-3490.512	
0.50000	531.430787	819.958772	-1.00E-13
6.12E-15	4.46E-13	-3531.282	
0.75000	531.430787	829.075022	-1.02E-13
6.12E-15	4.51E-13	-3572.508	
1.00000	531.430787	838.191272	-1.03E-13
6.12E-15	4.56E-13	-3614.189	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	801.726272	-9.83E-14
6.12E-15	4.36E-13	-3450.198	
0.25000	531.430787	810.842522	-9.94E-14
6.12E-15	4.41E-13	-3490.512	
0.50000	531.430787	819.958772	-1.00E-13
6.12E-15	4.46E-13	-3531.282	
0.75000	531.430787	829.075022	-1.02E-13
6.12E-15	4.51E-13	-3572.508	
1.00000	531.430787	838.191272	-1.03E-13
6.12E-15	4.56E-13	-3614.189	

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	794.201278	-9.71E-14
5.03E-15	3.18E-13	-2504.058	
0.25000	407.066759	803.317528	-9.82E-14
5.03E-15	3.23E-13	-2543.996	
0.50000	407.066759	812.433778	-9.93E-14
5.03E-15	3.28E-13	-2584.390	
0.75000	407.066759	821.550028	-1.00E-13
5.03E-15	3.33E-13	-2625.240	
1.00000	407.066759	830.666278	-1.02E-13
5.03E-15	3.38E-13	-2666.545	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	794.201278	-9.71E-14
5.03E-15	3.18E-13	-2504.058	
0.25000	407.066759	803.317528	-9.82E-14
5.03E-15	3.23E-13	-2543.996	
0.50000	407.066759	812.433778	-9.93E-14
5.03E-15	3.28E-13	-2584.390	
0.75000	407.066759	821.550028	-1.00E-13
5.03E-15	3.33E-13	-2625.240	
1.00000	407.066759	830.666278	-1.02E-13
5.03E-15	3.38E-13	-2666.545	

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COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	-98.112349	1.09E-14
5.04E-15	5.35E-13	-4270.616	
0.25000	429.804008	-88.996099	9.82E-15
5.04E-15	5.34E-13	-4265.938	
0.50000	429.804008	-79.879849	8.72E-15
5.04E-15	5.34E-13	-4261.716	
0.75000	429.804008	-70.763599	7.61E-15
5.04E-15	5.33E-13	-4257.950	
1.00000	429.804008	-61.647349	6.51E-15
5.04E-15	5.33E-13	-4254.640	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	-98.112349	1.09E-14
5.04E-15	5.35E-13	-4270.616	
0.25000	429.804008	-88.996099	9.82E-15
5.04E-15	5.34E-13	-4265.938	
0.50000	429.804008	-79.879849	8.72E-15
5.04E-15	5.34E-13	-4261.716	
0.75000	429.804008	-70.763599	7.61E-15
5.04E-15	5.33E-13	-4257.950	
1.00000	429.804008	-61.647349	6.51E-15
5.04E-15	5.33E-13	-4254.640	

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-94.778189	1.06E-14
4.51E-15	4.75E-13	-3795.882	
0.25000	517.409504	-85.661939	9.52E-15
4.51E-15	4.75E-13	-3791.371	
0.50000	517.409504	-76.545689	8.42E-15
4.51E-15	4.74E-13	-3787.316	
0.75000	517.409504	-67.429439	7.31E-15
4.51E-15	4.74E-13	-3783.717	
1.00000	517.409504	-58.313189	6.21E-15
4.51E-15	4.74E-13	-3780.573	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-94.778189	1.06E-14
4.51E-15	4.75E-13	-3795.882	
0.25000	517.409504	-85.661939	9.52E-15
4.51E-15	4.75E-13	-3791.371	
0.50000	517.409504	-76.545689	8.42E-15
4.51E-15	4.74E-13	-3787.316	
0.75000	517.409504	-67.429439	7.31E-15
4.51E-15	4.74E-13	-3783.717	
1.00000	517.409504	-58.313189	6.21E-15
4.51E-15	4.74E-13	-3780.573	

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	-105.637342	1.20E-14
3.95E-15	4.16E-13	-3324.477	
0.25000	305.439980	-96.521092	1.09E-14
3.95E-15	4.16E-13	-3319.423	
0.50000	305.439980	-87.404842	9.84E-15
3.95E-15	4.15E-13	-3314.824	
0.75000	305.439980	-78.288592	8.73E-15
3.95E-15	4.15E-13	-3310.682	
1.00000	305.439980	-69.172342	7.63E-15
3.95E-15	4.14E-13	-3306.996	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	-105.637342	1.20E-14
3.95E-15	4.16E-13	-3324.477	
0.25000	305.439980	-96.521092	1.09E-14
3.95E-15	4.16E-13	-3319.423	
0.50000	305.439980	-87.404842	9.84E-15
3.95E-15	4.15E-13	-3314.824	
0.75000	305.439980	-78.288592	8.73E-15
3.95E-15	4.15E-13	-3310.682	
1.00000	305.439980	-69.172342	7.63E-15
3.95E-15	4.14E-13	-3306.996	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-102.303182	1.17E-14
3.41E-15	3.57E-13	-2849.743	
0.25000	393.045476	-93.186932	1.06E-14
3.41E-15	3.56E-13	-2844.856	
0.50000	393.045476	-84.070682	9.53E-15
3.41E-15	3.56E-13	-2840.424	
0.75000	393.045476	-74.954432	8.43E-15
3.41E-15	3.55E-13	-2836.449	
1.00000	393.045476	-65.838182	7.33E-15
3.41E-15	3.55E-13	-2832.929	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-102.303182	1.17E-14
3.41E-15	3.57E-13	-2849.743	
0.25000	393.045476	-93.186932	1.06E-14
3.41E-15	3.56E-13	-2844.856	
0.50000	393.045476	-84.070682	9.53E-15
3.41E-15	3.56E-13	-2840.424	
0.75000	393.045476	-74.954432	8.43E-15
3.41E-15	3.55E-13	-2836.449	
1.00000	393.045476	-65.838182	7.33E-15
3.41E-15	3.55E-13	-2832.929	

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1257.568	-1.53E-13
6.24E-15	3.41E-13	-2673.963	
0.25000	311.654514	1266.333	-1.55E-13
6.24E-15	3.49E-13	-2737.060	
0.50000	311.654514	1275.099	-1.56E-13
6.24E-15	3.57E-13	-2800.596	
0.75000	311.654514	1283.865	-1.57E-13
6.24E-15	3.65E-13	-2864.570	
1.00000	311.654514	1292.630	-1.58E-13
6.24E-15	3.72E-13	-2928.983	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1257.568	-1.53E-13
6.24E-15	3.41E-13	-2673.963	
0.25000	311.654514	1266.333	-1.55E-13
6.24E-15	3.49E-13	-2737.060	
0.50000	311.654514	1275.099	-1.56E-13
6.24E-15	3.57E-13	-2800.596	
0.75000	311.654514	1283.865	-1.57E-13
6.24E-15	3.65E-13	-2864.570	
1.00000	311.654514	1292.630	-1.58E-13
6.24E-15	3.72E-13	-2928.983	

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1260.774	-1.54E-13
5.73E-15	2.84E-13	-2217.488	
0.25000	395.890568	1269.539	-1.55E-13
5.73E-15	2.92E-13	-2280.746	
0.50000	395.890568	1278.305	-1.56E-13
5.73E-15	3.00E-13	-2344.442	
0.75000	395.890568	1287.071	-1.57E-13
5.73E-15	3.08E-13	-2408.577	
1.00000	395.890568	1295.836	-1.58E-13
5.73E-15	3.15E-13	-2473.149	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1260.774	-1.54E-13
5.73E-15	2.84E-13	-2217.488	
0.25000	395.890568	1269.539	-1.55E-13
5.73E-15	2.92E-13	-2280.746	
0.50000	395.890568	1278.305	-1.56E-13
5.73E-15	3.00E-13	-2344.442	
0.75000	395.890568	1287.071	-1.57E-13
5.73E-15	3.08E-13	-2408.577	
1.00000	395.890568	1295.836	-1.58E-13
5.73E-15	3.15E-13	-2473.149	

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COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	767.684723	-9.42E-14
6.40E-15	4.77E-13	-3773.972	
0.25000	426.755087	776.450348	-9.52E-14
6.40E-15	4.81E-13	-3812.576	
0.50000	426.755087	785.215973	-9.63E-14
6.40E-15	4.86E-13	-3851.617	
0.75000	426.755087	793.981598	-9.74E-14
6.40E-15	4.91E-13	-3891.097	
1.00000	426.755087	802.747223	-9.84E-14
6.40E-15	4.96E-13	-3931.015	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	767.684723	-9.42E-14
6.40E-15	4.77E-13	-3773.972	
0.25000	426.755087	776.450348	-9.52E-14
6.40E-15	4.81E-13	-3812.576	
0.50000	426.755087	785.215973	-9.63E-14
6.40E-15	4.86E-13	-3851.617	
0.75000	426.755087	793.981598	-9.74E-14
6.40E-15	4.91E-13	-3891.097	
1.00000	426.755087	802.747223	-9.84E-14
6.40E-15	4.96E-13	-3931.015	

COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	770.890646	-9.45E-14
5.88E-15	4.20E-13	-3317.498	
0.25000	510.991141	779.656271	-9.55E-14
5.88E-15	4.24E-13	-3356.261	
0.50000	510.991141	788.421896	-9.66E-14
5.88E-15	4.29E-13	-3395.463	
0.75000	510.991141	797.187521	-9.77E-14
5.88E-15	4.34E-13	-3435.104	
1.00000	510.991141	805.953146	-9.87E-14
5.88E-15	4.39E-13	-3475.182	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	770.890646	-9.45E-14
5.88E-15	4.20E-13	-3317.498	
0.25000	510.991141	779.656271	-9.55E-14
5.88E-15	4.24E-13	-3356.261	
0.50000	510.991141	788.421896	-9.66E-14
5.88E-15	4.29E-13	-3395.463	
0.75000	510.991141	797.187521	-9.77E-14
5.88E-15	4.34E-13	-3435.104	
1.00000	510.991141	805.953146	-9.87E-14
5.88E-15	4.39E-13	-3475.182	

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	307.174291	760.449152	-9.31E-14
5.34E-15	3.63E-13	-2864.223	
0.25000	307.174291	769.214777	-9.42E-14
5.34E-15	3.68E-13	-2902.465	
0.50000	307.174291	777.980402	-9.52E-14
5.34E-15	3.72E-13	-2941.144	
0.75000	307.174291	786.746027	-9.63E-14
5.34E-15	3.77E-13	-2980.263	
1.00000	307.174291	795.511652	-9.74E-14
5.34E-15	3.82E-13	-3019.819	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	307.174291	760.449152	-9.31E-14
5.34E-15	3.63E-13	-2864.223	
0.25000	307.174291	769.214777	-9.42E-14
5.34E-15	3.68E-13	-2902.465	
0.50000	307.174291	777.980402	-9.52E-14
5.34E-15	3.72E-13	-2941.144	
0.75000	307.174291	786.746027	-9.63E-14
5.34E-15	3.77E-13	-2980.263	
1.00000	307.174291	795.511652	-9.74E-14
5.34E-15	3.82E-13	-3019.819	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	763.655075	-9.34E-14
4.83E-15	3.06E-13	-2407.748	
0.25000	391.410345	772.420700	-9.45E-14
4.83E-15	3.10E-13	-2446.150	
0.50000	391.410345	781.186325	-9.55E-14
4.83E-15	3.15E-13	-2484.990	
0.75000	391.410345	789.951950	-9.66E-14
4.83E-15	3.20E-13	-2524.269	
1.00000	391.410345	798.717575	-9.76E-14
4.83E-15	3.25E-13	-2563.986	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	763.655075	-9.34E-14
4.83E-15	3.06E-13	-2407.748	
0.25000	391.410345	772.420700	-9.45E-14
4.83E-15	3.10E-13	-2446.150	
0.50000	391.410345	781.186325	-9.55E-14
4.83E-15	3.15E-13	-2484.990	
0.75000	391.410345	789.951950	-9.66E-14
4.83E-15	3.20E-13	-2524.269	
1.00000	391.410345	798.717575	-9.76E-14
4.83E-15	3.25E-13	-2563.986	

COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-94.778189	1.06E-14
4.51E-15	4.75E-13	-3795.882	
0.25000	517.409504	-85.661939	9.52E-15
4.51E-15	4.75E-13	-3791.371	
0.50000	517.409504	-76.545689	8.42E-15
4.51E-15	4.74E-13	-3787.316	
0.75000	517.409504	-67.429439	7.31E-15
4.51E-15	4.74E-13	-3783.717	
1.00000	517.409504	-58.313189	6.21E-15
4.51E-15	4.74E-13	-3780.573	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-94.778189	1.06E-14
4.51E-15	4.75E-13	-3795.882	
0.25000	517.409504	-85.661939	9.52E-15
4.51E-15	4.75E-13	-3791.371	
0.50000	517.409504	-76.545689	8.42E-15
4.51E-15	4.74E-13	-3787.316	
0.75000	517.409504	-67.429439	7.31E-15
4.51E-15	4.74E-13	-3783.717	
1.00000	517.409504	-58.313189	6.21E-15
4.51E-15	4.74E-13	-3780.573	

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COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	1210.343	-1.48E-13
5.50E-15	2.73E-13	-2128.789	
0.25000	380.054946	1218.758	-1.49E-13
5.50E-15	2.80E-13	-2189.516	
0.50000	380.054946	1227.173	-1.50E-13
5.50E-15	2.88E-13	-2250.665	
0.75000	380.054946	1235.588	-1.51E-13
5.50E-15	2.95E-13	-2312.234	
1.00000	380.054946	1244.003	-1.52E-13
5.50E-15	3.03E-13	-2374.223	

COMB ULO18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	380.054946	1210.343	-1.48E-13
5.50E-15	2.73E-13	-2128.789	
0.25000	380.054946	1218.758	-1.49E-13
5.50E-15	2.80E-13	-2189.516	
0.50000	380.054946	1227.173	-1.50E-13
5.50E-15	2.88E-13	-2250.665	
0.75000	380.054946	1235.588	-1.51E-13
5.50E-15	2.95E-13	-2312.234	
1.00000	380.054946	1244.003	-1.52E-13
5.50E-15	3.03E-13	-2374.223	

COMB UEO01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.025848	-66.079140	7.16E-15
4.43E-15	4.70E-13	-3756.812	
0.25000	508.025848	-59.066640	6.31E-15
4.43E-15	4.70E-13	-3753.684	
0.50000	508.025848	-52.054140	5.46E-15
4.43E-15	4.70E-13	-3750.906	
0.75000	508.025848	-45.041640	4.61E-15
4.43E-15	4.70E-13	-3748.478	
1.00000	508.025848	-38.029140	3.77E-15
4.43E-15	4.69E-13	-3746.402	

COMB UEO01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	508.025848	-66.079140	7.16E-15
4.43E-15	4.70E-13	-3756.812	
0.25000	508.025848	-59.066640	6.31E-15
4.43E-15	4.70E-13	-3753.684	
0.50000	508.025848	-52.054140	5.46E-15
4.43E-15	4.70E-13	-3750.906	
0.75000	508.025848	-45.041640	4.61E-15
4.43E-15	4.70E-13	-3748.478	
1.00000	508.025848	-38.029140	3.77E-15
4.43E-15	4.69E-13	-3746.402	

COMB UEO02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-78.524322	9.01E-15
2.63E-15	2.75E-13	-2192.044	
0.25000	302.346879	-71.511822	8.16E-15
2.63E-15	2.74E-13	-2188.293	
0.50000	302.346879	-64.499322	7.31E-15
2.63E-15	2.74E-13	-2184.892	
0.75000	302.346879	-57.486822	6.46E-15
2.63E-15	2.73E-13	-2181.843	
1.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	

COMB UEO02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-78.524322	9.01E-15
2.63E-15	2.75E-13	-2192.044	
0.25000	302.346879	-71.511822	8.16E-15
2.63E-15	2.74E-13	-2188.293	
0.50000	302.346879	-64.499322	7.31E-15
2.63E-15	2.74E-13	-2184.892	
0.75000	302.346879	-57.486822	6.46E-15
2.63E-15	2.73E-13	-2181.843	
1.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	

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COMB UEO03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	321.027593	1334.984	-1.63E-13
5.17E-15	2.13E-13	-1648.489	
0.25000	321.027593	1341.996	-1.64E-13
5.17E-15	2.21E-13	-1715.413	
0.50000	321.027593	1349.009	-1.64E-13
5.17E-15	2.30E-13	-1782.688	
0.75000	321.027593	1356.021	-1.65E-13
5.17E-15	2.38E-13	-1850.314	
1.00000	321.027593	1363.034	-1.66E-13
5.17E-15	2.46E-13	-1918.290	

COMB UEO03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	321.027593	1334.984	-1.63E-13
5.17E-15	2.13E-13	-1648.489	
0.25000	321.027593	1341.996	-1.64E-13
5.17E-15	2.21E-13	-1715.413	
0.50000	321.027593	1349.009	-1.64E-13
5.17E-15	2.30E-13	-1782.688	
0.75000	321.027593	1356.021	-1.65E-13
5.17E-15	2.38E-13	-1850.314	
1.00000	321.027593	1363.034	-1.66E-13
5.17E-15	2.46E-13	-1918.290	

COMB UEO04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	440.732189	825.505132	-1.01E-13
5.33E-15	3.54E-13	-2792.498	
0.25000	440.732189	832.517632	-1.02E-13
5.33E-15	3.59E-13	-2833.949	
0.50000	440.732189	839.530132	-1.03E-13
5.33E-15	3.64E-13	-2875.750	
0.75000	440.732189	846.542632	-1.04E-13
5.33E-15	3.69E-13	-2917.902	
1.00000	440.732189	853.555132	-1.04E-13
5.33E-15	3.75E-13	-2960.404	

COMB UEO04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	440.732189	825.505132	-1.01E-13
5.33E-15	3.54E-13	-2792.498	
0.25000	440.732189	832.517632	-1.02E-13
5.33E-15	3.59E-13	-2833.949	
0.50000	440.732189	839.530132	-1.03E-13
5.33E-15	3.64E-13	-2875.750	
0.75000	440.732189	846.542632	-1.04E-13
5.33E-15	3.69E-13	-2917.902	
1.00000	440.732189	853.555132	-1.04E-13
5.33E-15	3.75E-13	-2960.404	

COMB UEO05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	316.368161	817.980139	-9.99E-14
4.24E-15	2.36E-13	-1846.359	
0.25000	316.368161	824.992639	-1.01E-13
4.24E-15	2.41E-13	-1887.433	
0.50000	316.368161	832.005139	-1.02E-13
4.24E-15	2.46E-13	-1928.858	
0.75000	316.368161	839.017639	-1.02E-13
4.24E-15	2.51E-13	-1970.634	
1.00000	316.368161	846.030139	-1.03E-13
4.24E-15	2.56E-13	-2012.760	

COMB UEO05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	316.368161	817.980139	-9.99E-14
4.24E-15	2.36E-13	-1846.359	
0.25000	316.368161	824.992639	-1.01E-13
4.24E-15	2.41E-13	-1887.433	
0.50000	316.368161	832.005139	-1.02E-13
4.24E-15	2.46E-13	-1928.858	
0.75000	316.368161	839.017639	-1.02E-13
4.24E-15	2.51E-13	-1970.634	
1.00000	316.368161	846.030139	-1.03E-13
4.24E-15	2.56E-13	-2012.760	

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COMB UEO06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	339.105410	-74.333488	8.20E-15
4.25E-15	4.52E-13	-3612.916	
0.25000	339.105410	-67.320988	7.35E-15
4.25E-15	4.52E-13	-3609.375	
0.50000	339.105410	-60.308488	6.50E-15
4.25E-15	4.52E-13	-3606.184	
0.75000	339.105410	-53.295988	5.65E-15
4.25E-15	4.51E-13	-3603.344	
1.00000	339.105410	-46.283488	4.80E-15
4.25E-15	4.51E-13	-3600.855	

COMB UEO06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	339.105410	-74.333488	8.20E-15
4.25E-15	4.52E-13	-3612.916	
0.25000	339.105410	-67.320988	7.35E-15
4.25E-15	4.52E-13	-3609.375	
0.50000	339.105410	-60.308488	6.50E-15
4.25E-15	4.52E-13	-3606.184	
0.75000	339.105410	-53.295988	5.65E-15
4.25E-15	4.51E-13	-3603.344	
1.00000	339.105410	-46.283488	4.80E-15
4.25E-15	4.51E-13	-3600.855	

COMB UEO07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	
0.25000	426.710906	-63.986828	7.04E-15
3.72E-15	3.93E-13	-3134.808	
0.50000	426.710906	-56.974328	6.20E-15
3.72E-15	3.92E-13	-3131.784	
0.75000	426.710906	-49.961828	5.35E-15
3.72E-15	3.92E-13	-3129.111	
1.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	

COMB UEO07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	
0.25000	426.710906	-63.986828	7.04E-15
3.72E-15	3.93E-13	-3134.808	
0.50000	426.710906	-56.974328	6.20E-15
3.72E-15	3.92E-13	-3131.784	
0.75000	426.710906	-49.961828	5.35E-15
3.72E-15	3.92E-13	-3129.111	
1.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	

COMB UEO08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	214.741382	-81.858482	9.31E-15
3.16E-15	3.34E-13	-2666.777	
0.25000	214.741382	-74.845982	8.47E-15
3.16E-15	3.34E-13	-2662.860	
0.50000	214.741382	-67.833482	7.62E-15
3.16E-15	3.33E-13	-2659.293	
0.75000	214.741382	-60.820982	6.77E-15
3.16E-15	3.33E-13	-2656.076	
1.00000	214.741382	-53.808482	5.92E-15
3.16E-15	3.32E-13	-2653.210	

COMB UEO08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	214.741382	-81.858482	9.31E-15
3.16E-15	3.34E-13	-2666.777	
0.25000	214.741382	-74.845982	8.47E-15
3.16E-15	3.34E-13	-2662.860	
0.50000	214.741382	-67.833482	7.62E-15
3.16E-15	3.33E-13	-2659.293	
0.75000	214.741382	-60.820982	6.77E-15
3.16E-15	3.33E-13	-2656.076	
1.00000	214.741382	-53.808482	5.92E-15
3.16E-15	3.32E-13	-2653.210	

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COMB UEO09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-78.524322	9.01E-15
2.63E-15	2.75E-13	-2192.044	
0.25000	302.346879	-71.511822	8.16E-15
2.63E-15	2.74E-13	-2188.293	
0.50000	302.346879	-64.499322	7.31E-15
2.63E-15	2.74E-13	-2184.892	
0.75000	302.346879	-57.486822	6.46E-15
2.63E-15	2.73E-13	-2181.843	
1.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	

COMB UEO09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	-78.524322	9.01E-15
2.63E-15	2.75E-13	-2192.044	
0.25000	302.346879	-71.511822	8.16E-15
2.63E-15	2.74E-13	-2188.293	
0.50000	302.346879	-64.499322	7.31E-15
2.63E-15	2.74E-13	-2184.892	
0.75000	302.346879	-57.486822	6.46E-15
2.63E-15	2.73E-13	-2181.843	
1.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	

COMB UEO10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	220.955916	1281.347	-1.56E-13
5.45E-15	2.59E-13	-2016.264	
0.25000	220.955916	1288.009	-1.57E-13
5.45E-15	2.67E-13	-2080.497	
0.50000	220.955916	1294.670	-1.58E-13
5.45E-15	2.75E-13	-2145.064	
0.75000	220.955916	1301.332	-1.59E-13
5.45E-15	2.83E-13	-2209.964	
1.00000	220.955916	1307.994	-1.59E-13
5.45E-15	2.91E-13	-2275.198	

COMB UEO10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	220.955916	1281.347	-1.56E-13
5.45E-15	2.59E-13	-2016.264	
0.25000	220.955916	1288.009	-1.57E-13
5.45E-15	2.67E-13	-2080.497	
0.50000	220.955916	1294.670	-1.58E-13
5.45E-15	2.75E-13	-2145.064	
0.75000	220.955916	1301.332	-1.59E-13
5.45E-15	2.83E-13	-2209.964	
1.00000	220.955916	1307.994	-1.59E-13
5.45E-15	2.91E-13	-2275.198	

COMB UEO11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	305.191970	1284.553	-1.57E-13
4.94E-15	2.02E-13	-1559.789	
0.25000	305.191970	1291.214	-1.57E-13
4.94E-15	2.10E-13	-1624.183	
0.50000	305.191970	1297.876	-1.58E-13
4.94E-15	2.18E-13	-1688.910	
0.75000	305.191970	1304.538	-1.59E-13
4.94E-15	2.26E-13	-1753.971	
1.00000	305.191970	1311.200	-1.60E-13
4.94E-15	2.33E-13	-1819.364	

COMB UEO11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	305.191970	1284.553	-1.57E-13
4.94E-15	2.02E-13	-1559.789	
0.25000	305.191970	1291.214	-1.57E-13
4.94E-15	2.10E-13	-1624.183	
0.50000	305.191970	1297.876	-1.58E-13
4.94E-15	2.18E-13	-1688.910	
0.75000	305.191970	1304.538	-1.59E-13
4.94E-15	2.26E-13	-1753.971	
1.00000	305.191970	1311.200	-1.60E-13
4.94E-15	2.33E-13	-1819.364	

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COMB UEO12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	336.056489	791.463583	-9.69E-14
5.61E-15	3.94E-13	-3116.273	
0.25000	336.056489	798.125458	-9.77E-14
5.61E-15	3.99E-13	-3156.013	
0.50000	336.056489	804.787333	-9.85E-14
5.61E-15	4.04E-13	-3196.085	
0.75000	336.056489	811.449208	-9.93E-14
5.61E-15	4.09E-13	-3236.491	
1.00000	336.056489	818.111083	-1.00E-13
5.61E-15	4.14E-13	-3277.230	

COMB UEO12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	336.056489	791.463583	-9.69E-14
5.61E-15	3.94E-13	-3116.273	
0.25000	336.056489	798.125458	-9.77E-14
5.61E-15	3.99E-13	-3156.013	
0.50000	336.056489	804.787333	-9.85E-14
5.61E-15	4.04E-13	-3196.085	
0.75000	336.056489	811.449208	-9.93E-14
5.61E-15	4.09E-13	-3236.491	
1.00000	336.056489	818.111083	-1.00E-13
5.61E-15	4.14E-13	-3277.230	

COMB UEO13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	420.292543	794.669507	-9.72E-14
5.10E-15	3.37E-13	-2659.798	
0.25000	420.292543	801.331382	-9.80E-14
5.10E-15	3.42E-13	-2699.698	
0.50000	420.292543	807.993257	-9.88E-14
5.10E-15	3.47E-13	-2739.931	
0.75000	420.292543	814.655132	-9.96E-14
5.10E-15	3.52E-13	-2780.498	
1.00000	420.292543	821.317007	-1.00E-13
5.10E-15	3.57E-13	-2821.397	

COMB UEO13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	420.292543	794.669507	-9.72E-14
5.10E-15	3.37E-13	-2659.798	
0.25000	420.292543	801.331382	-9.80E-14
5.10E-15	3.42E-13	-2699.698	
0.50000	420.292543	807.993257	-9.88E-14
5.10E-15	3.47E-13	-2739.931	
0.75000	420.292543	814.655132	-9.96E-14
5.10E-15	3.52E-13	-2780.498	
1.00000	420.292543	821.317007	-1.00E-13
5.10E-15	3.57E-13	-2821.397	

COMB UEO14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	216.475693	784.228013	-9.58E-14
4.56E-15	2.80E-13	-2206.524	
0.25000	216.475693	790.889888	-9.66E-14
4.56E-15	2.85E-13	-2245.901	
0.50000	216.475693	797.551763	-9.75E-14
4.56E-15	2.90E-13	-2285.613	
0.75000	216.475693	804.213638	-9.83E-14
4.56E-15	2.95E-13	-2325.657	
1.00000	216.475693	810.875513	-9.91E-14
4.56E-15	3.00E-13	-2366.034	

COMB UEO14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	216.475693	784.228013	-9.58E-14
4.56E-15	2.80E-13	-2206.524	
0.25000	216.475693	790.889888	-9.66E-14
4.56E-15	2.85E-13	-2245.901	
0.50000	216.475693	797.551763	-9.75E-14
4.56E-15	2.90E-13	-2285.613	
0.75000	216.475693	804.213638	-9.83E-14
4.56E-15	2.95E-13	-2325.657	
1.00000	216.475693	810.875513	-9.91E-14
4.56E-15	3.00E-13	-2366.034	

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COMB UEO15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	300.711747	787.433936	-9.61E-14
4.05E-15	2.23E-13	-1750.049	
0.25000	300.711747	794.095811	-9.69E-14
4.05E-15	2.28E-13	-1789.587	
0.50000	300.711747	800.757686	-9.77E-14
4.05E-15	2.33E-13	-1829.459	
0.75000	300.711747	807.419561	-9.86E-14
4.05E-15	2.38E-13	-1869.663	
1.00000	300.711747	814.081436	-9.94E-14
4.05E-15	2.43E-13	-1910.201	

COMB UEO15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	300.711747	787.433936	-9.61E-14
4.05E-15	2.23E-13	-1750.049	
0.25000	300.711747	794.095811	-9.69E-14
4.05E-15	2.28E-13	-1789.587	
0.50000	300.711747	800.757686	-9.77E-14
4.05E-15	2.33E-13	-1829.459	
0.75000	300.711747	807.419561	-9.86E-14
4.05E-15	2.38E-13	-1869.663	
1.00000	300.711747	814.081436	-9.94E-14
4.05E-15	2.43E-13	-1910.201	

COMB UEO16 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

COMB UEO16 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-78.694755	9.03E-15
2.63E-15	2.75E-13	-2192.110	
0.25000	302.342674	-71.682255	8.18E-15
2.63E-15	2.74E-13	-2188.351	
0.50000	302.342674	-64.669755	7.33E-15
2.63E-15	2.74E-13	-2184.942	
0.75000	302.342674	-57.657255	6.48E-15
2.63E-15	2.73E-13	-2181.884	
1.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	

COMB UEO17 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	
0.25000	426.710906	-63.986828	7.04E-15
3.72E-15	3.93E-13	-3134.808	
0.50000	426.710906	-56.974328	6.20E-15
3.72E-15	3.92E-13	-3131.784	
0.75000	426.710906	-49.961828	5.35E-15
3.72E-15	3.92E-13	-3129.111	
1.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	

COMB UEO17 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	-70.999328	7.89E-15
3.72E-15	3.93E-13	-3138.183	
0.25000	426.710906	-63.986828	7.04E-15
3.72E-15	3.93E-13	-3134.808	
0.50000	426.710906	-56.974328	6.20E-15
3.72E-15	3.92E-13	-3131.784	
0.75000	426.710906	-49.961828	5.35E-15
3.72E-15	3.92E-13	-3129.111	
1.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	

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COMB UEO18 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	289.356348	1234.122	-1.50E-13
4.71E-15	1.90E-13	-1471.089	
0.25000	289.356348	1240.433	-1.51E-13
4.71E-15	1.98E-13	-1532.953	
0.50000	289.356348	1246.744	-1.52E-13
4.71E-15	2.06E-13	-1595.133	
0.75000	289.356348	1253.055	-1.53E-13
4.71E-15	2.13E-13	-1657.628	
1.00000	289.356348	1259.367	-1.53E-13
4.71E-15	2.21E-13	-1720.438	

COMB UEO18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	289.356348	1234.122	-1.50E-13
4.71E-15	1.90E-13	-1471.089	
0.25000	289.356348	1240.433	-1.51E-13
4.71E-15	1.98E-13	-1532.953	
0.50000	289.356348	1246.744	-1.52E-13
4.71E-15	2.06E-13	-1595.133	

```
 0.75000    289.356348     1253.055     -1.53E-13
4.71E-15     2.13E-13     -1657.628
 1.00000    289.356348     1259.367     -1.53E-13
4.71E-15     2.21E-13     -1720.438

COMB ENVBULT ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    598.706226    -90.596548     9.98E-15
5.22E-15     5.53E-13     -4414.799
 0.25000    598.706226    -81.480298     8.88E-15
5.22E-15     5.52E-13     -4410.498
 0.50000    598.706226    -72.364048     7.77E-15
5.22E-15     5.52E-13     -4406.651
 0.75000    598.706226    -63.247798     6.67E-15
5.22E-15     5.52E-13     -4403.261
 1.00000    598.706226    -54.131548     5.57E-15
5.22E-15     5.51E-13     -4400.327

COMB ENVBULT ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    598.706226    -90.596548     9.98E-15
5.22E-15     5.53E-13     -4414.799
 0.25000    598.706226    -81.480298     8.88E-15
5.22E-15     5.52E-13     -4410.498
 0.50000    598.706226    -72.364048     7.77E-15
5.22E-15     5.52E-13     -4406.651
 0.75000    598.706226    -63.247798     6.67E-15
5.22E-15     5.52E-13     -4403.261
 1.00000    598.706226    -54.131548     5.57E-15
5.22E-15     5.51E-13     -4400.327

COMB ENVBECC ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    508.007629    -66.817687     9.10E-15
4.43E-15     4.71E-13     -2192.331
 0.25000    508.007629    -59.805187     8.25E-15
4.43E-15     4.70E-13     -2188.543
 0.50000    508.007629    -52.792687     7.40E-15
4.43E-15     4.70E-13     -2185.106
 0.75000    508.007629    -45.780187     6.55E-15
4.43E-15     4.70E-13     -2182.020
 1.00000    508.007629    -38.767687     5.70E-15
4.43E-15     4.69E-13     -2179.284

COMB ENVBECC ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -79.262869     7.25E-15
2.63E-15     2.75E-13     -3757.100
 0.25000    302.328660    -72.250369     6.40E-15
2.63E-15     2.74E-13     -3753.935
 0.50000    302.328660    -65.237869     5.55E-15
2.63E-15     2.74E-13     -3751.120
 0.75000    302.328660    -58.225369     4.70E-15
2.63E-15     2.73E-13     -3748.655
 1.00000    302.328660    -51.212869     3.86E-15
2.63E-15     2.73E-13     -3746.542
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L   F O R C E S

COMB ENVOULT ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    598.724446    -89.858000     9.89E-15
5.22E-15     5.53E-13     -4414.512
 0.25000    598.724446    -80.741750     8.79E-15
5.22E-15     5.52E-13     -4410.247
 0.50000    598.724446    -71.625500     7.68E-15
5.22E-15     5.52E-13     -4406.438
 0.75000    598.724446    -62.509250     6.58E-15
5.22E-15     5.52E-13     -4403.084
 1.00000    598.724446    -53.393000     5.48E-15
5.22E-15     5.51E-13     -4400.187

COMB ENVOULT ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    598.724446    -89.858000     9.89E-15
5.22E-15     5.53E-13     -4414.512
 0.25000    598.724446    -80.741750     8.79E-15
5.22E-15     5.52E-13     -4410.247
 0.50000    598.724446    -71.625500     7.68E-15
5.22E-15     5.52E-13     -4406.438
 0.75000    598.724446    -62.509250     6.58E-15
5.22E-15     5.52E-13     -4403.084
 1.00000    598.724446    -53.393000     5.48E-15
5.22E-15     5.51E-13     -4400.187

COMB ENVOECC ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    508.025848    -66.079140     9.01E-15
4.43E-15     4.70E-13     -2192.044
 0.25000    508.025848    -59.066640     8.16E-15
4.43E-15     4.70E-13     -2188.293
 0.50000    508.025848    -52.054140     7.31E-15
4.43E-15     4.70E-13     -2184.892
 0.75000    508.025848    -45.041640     6.46E-15
4.43E-15     4.70E-13     -2181.843
 1.00000    508.025848    -38.029140     5.61E-15
4.43E-15     4.69E-13     -2179.144

COMB ENVOECC ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.346879    -78.524322     7.16E-15
2.63E-15     2.75E-13     -3756.812
 0.25000    302.346879    -71.511822     6.31E-15
2.63E-15     2.74E-13     -3753.684
 0.50000    302.346879    -64.499322     5.46E-15
2.63E-15     2.74E-13     -3750.906
 0.75000    302.346879    -57.486822     4.61E-15
2.63E-15     2.73E-13     -3748.478
 1.00000    302.346879    -50.474322     3.77E-15
2.63E-15     2.73E-13     -3746.402

ELEM        9 ================== LENGTH =
0.200000

LOAD        D -------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     5.70E-15
2.63E-15     2.73E-13     -2179.284
 0.25000    302.328660    -45.587869     5.02E-15
2.63E-15     2.73E-13     -2176.864
 0.50000    302.328660    -39.962869     4.34E-15
2.63E-15     2.73E-13     -2174.725
 0.75000    302.328660    -34.337869     3.66E-15
2.63E-15     2.72E-13     -2172.867
 1.00000    302.328660    -28.712869     2.98E-15
2.63E-15     2.72E-13     -2171.291

LOAD        L1 ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000     95.664637     5.788457     -8.60E-16
8.41E-16     9.13E-14   -728.957141
 0.25000     95.664637     5.788457     -8.60E-16
8.41E-16     9.14E-14   -729.246563
 0.50000     95.664637     5.788457     -8.60E-16
8.41E-16     9.14E-14   -729.535986
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L   F O R C E S

REL DIST            P            V2            V3
       T           M2           M3
 0.75000     95.664637     5.788457     -8.60E-16
8.41E-16     9.14E-14   -729.825409
 1.00000     95.664637     5.788457     -8.60E-16
8.41E-16     9.15E-14   -730.114832

LOAD        W-LO ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000     1.14E-17     2.57E-16     2.179688
8.881358     1.760579     3.01E-16
 0.25000     1.14E-17     2.89E-16     2.449688
8.881358     1.644844     2.87E-16
 0.50000     1.14E-17     3.22E-16     2.719688
8.881358     1.515610     2.72E-16
 0.75000     1.14E-17     3.55E-16     2.989688
8.881358     1.372875     2.55E-16
 1.00000     1.14E-17     3.87E-16     3.259688
8.881358     1.216641     2.36E-16

LOAD        G-LO2 ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000     4.75E-16     4.23E-16     4.396531
34.554180   -206.994882    -2.14E-14
 0.25000     4.75E-16     4.23E-16     4.396531
34.554180   -207.214708    -2.14E-14
 0.50000     4.75E-16     4.23E-16     4.396531
34.554180   -207.434535    -2.15E-14
 0.75000     4.75E-16     4.23E-16     4.396531
34.554180   -207.654362    -2.15E-14
 1.00000     4.75E-16     4.23E-16     4.396531
34.554180   -207.874188    -2.15E-14

LOAD        E-LO ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000      .000000      .000000      .000000
 .000000      .000000      .000000
 0.25000      .000000      .000000      .000000
 .000000      .000000      .000000
 0.50000      .000000      .000000      .000000
 .000000      .000000      .000000
 0.75000      .000000      .000000      .000000
 .000000      .000000      .000000
 1.00000      .000000      .000000      .000000
 .000000      .000000      .000000

LOAD        W-TR ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000     14.369780     1087.314     -1.32E-13
1.96E-15     -2.08E-14    200.656556
 0.25000     14.369780     1087.314     -1.32E-13
1.96E-15     -1.42E-14    146.290868
 0.50000     14.369780     1087.314     -1.32E-13
1.96E-15     -7.55E-15     91.925181
 0.75000     14.369780     1087.314     -1.32E-13
1.96E-15     -9.52E-16     37.559493
 1.00000     14.369780     1087.314     -1.32E-13
1.96E-15      5.65E-15    -16.806194

LOAD        WL ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000     3.600712    145.961940     -1.77E-14
2.62E-16     -2.88E-15     27.659280
 0.25000     3.600712    145.961940     -1.77E-14
2.62E-16     -1.99E-15     20.361783
 0.50000     3.600712    145.961940     -1.77E-14
2.62E-16     -1.10E-15     13.063086
 0.75000     3.600712    145.961940     -1.77E-14
2.62E-16     -2.18E-16      5.764989
 1.00000     3.600712    145.961940     -1.77E-14
2.62E-16      6.68E-16     -1.533108

LOAD        G-TR ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000   -67.388843    -2.564738     2.33E-16
4.10E-16     4.57E-14   -364.666703
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L   F O R C E S

REL DIST            P            V2            V3
       T           M2           M3
 0.25000   -67.388843    -2.564738     2.33E-16
4.10E-16     4.56E-14   -364.538466
 0.50000   -67.388843    -2.564738     2.33E-16
4.10E-16     4.56E-14   -364.410229
 0.75000   -67.388843    -2.564738     2.33E-16
4.10E-16     4.56E-14   -364.281992
 1.00000   -67.388843    -2.564738     2.33E-16
4.10E-16     4.56E-14   -364.153755

LOAD        E-TR ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000      .000000      .000000      .000000
 .000000      .000000      .000000
 0.25000      .000000      .000000      .000000
 .000000      .000000      .000000
 0.50000      .000000      .000000      .000000
 .000000      .000000      .000000
 0.75000      .000000      .000000      .000000
 .000000      .000000      .000000
 1.00000      .000000      .000000      .000000
 .000000      .000000      .000000

LOAD        Q1-TR ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000     0.014015     0.568113     -6.90E-17
1.02E-18     -1.12E-17    0.107655
 0.25000     0.014015     0.568113     -6.90E-17
1.02E-18     -7.75E-18    0.079250
 0.50000     0.014015     0.568113     -6.90E-17
1.02E-18     -4.30E-18    0.050844
 0.75000     0.014015     0.568113     -6.90E-17
1.02E-18     -8.50E-19    0.022438
 1.00000     0.014015     0.568113     -6.90E-17
1.02E-18      2.60E-18    -0.005967

LOAD        COL-TR ------------------

REL DIST            P            V2            V3
       T           M2           M3
 0.00000     0.045539     1.846008     -2.24E-16
3.31E-18     -3.64E-17    0.349812
 0.25000     0.045539     1.846008     -2.24E-16
3.31E-18     -2.52E-17    0.257512
 0.50000     0.045539     1.846008     -2.24E-16
3.31E-18     -1.40E-17    0.165211
 0.75000     0.045539     1.846008     -2.24E-16
3.31E-18     -2.76E-18    0.072911
 1.00000     0.045539     1.846008     -2.24E-16
3.31E-18      8.45E-18    -0.019390

COMB    SVB01 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     4.84E-15
3.47E-15     3.64E-13     -2908.241
 0.25000    397.993296    -39.799412     4.16E-15
3.47E-15     3.64E-13     -2906.110
 0.50000    397.993296    -34.174412     3.48E-15
3.47E-15     3.64E-13     -2904.261
 0.75000    397.993296    -28.549412     2.80E-15
3.47E-15     3.64E-13     -2902.693
 1.00000    397.993296    -22.924412     2.12E-15
3.47E-15     3.64E-13     -2901.406

COMB    SVB01 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     4.84E-15
3.47E-15     3.64E-13     -2908.241
 0.25000    397.993296    -39.799412     4.16E-15
3.47E-15     3.64E-13     -2906.110
 0.50000    397.993296    -34.174412     3.48E-15
3.47E-15     3.64E-13     -2904.261
 0.75000    397.993296    -28.549412     2.80E-15
3.47E-15     3.64E-13     -2902.693
 1.00000    397.993296    -22.924412     2.12E-15
3.47E-15     3.64E-13     -2901.406
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

COMB    SVB02 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     5.70E-15
2.63E-15     2.73E-13     -2179.284
 0.25000    302.328660    -45.587869     5.02E-15
2.63E-15     2.73E-13     -2176.864
 0.50000    302.328660    -39.962869     4.34E-15
2.63E-15     2.73E-13     -2174.725
 0.75000    302.328660    -34.337869     3.66E-15
2.63E-15     2.72E-13     -2172.867
 1.00000    302.328660    -28.712869     2.98E-15
2.63E-15     2.72E-13     -2171.291

COMB    SVB02 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     5.70E-15
2.63E-15     2.73E-13     -2179.284
 0.25000    302.328660    -45.587869     5.02E-15
2.63E-15     2.73E-13     -2176.864
 0.50000    302.328660    -39.962869     4.34E-15
2.63E-15     2.73E-13     -2174.725
 0.75000    302.328660    -34.337869     3.66E-15
2.63E-15     2.72E-13     -2172.867
 1.00000    302.328660    -28.712869     2.98E-15
2.63E-15     2.72E-13     -2171.291

COMB    SVB03 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     2.179688
8.881358     1.760579     -2179.284
 0.25000    302.328660    -45.587869     2.449688
8.881358     1.644844     -2176.864
 0.50000    302.328660    -39.962869     2.719688
8.881358     1.515610     -2174.725
 0.75000    302.328660    -34.337869     2.989688
8.881358     1.372875     -2172.867
 1.00000    302.328660    -28.712869     3.259688
8.881358     1.216641     -2171.291

COMB    SVB03 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     2.179688
8.881358     1.760579     -2179.284
 0.25000    302.328660    -45.587869     2.449688
8.881358     1.644844     -2176.864
 0.50000    302.328660    -39.962869     2.719688
8.881358     1.515610     -2174.725
 0.75000    302.328660    -34.337869     2.989688
8.881358     1.372875     -2172.867
 1.00000    302.328660    -28.712869     3.259688
8.881358     1.216641     -2171.291

COMB    SVB04 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     1.089844
4.440679     0.880289     -2908.241
 0.25000    397.993296    -39.799412     1.224844
4.440679     0.822422     -2906.110
 0.50000    397.993296    -34.174412     1.359844
4.440679     0.757805     -2904.261
 0.75000    397.993296    -28.549412     1.494844
4.440679     0.686438     -2902.693
 1.00000    397.993296    -22.924412     1.629844
4.440679     0.608320     -2901.406

COMB    SVB04 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     1.089844
4.440679     0.880289     -2908.241
 0.25000    397.993296    -39.799412     1.224844
4.440679     0.822422     -2906.110
 0.50000    397.993296    -34.174412     1.359844
4.440679     0.757805     -2904.261
 0.75000    397.993296    -28.549412     1.494844
4.440679     0.686438     -2902.693
 1.00000    397.993296    -22.924412     1.629844
4.440679     0.608320     -2901.406
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

COMB    SVB05 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     1.089844
4.440679     0.880289     -2179.284
 0.25000    302.328660    -45.587869     1.224844
4.440679     0.822422     -2176.864
 0.50000    302.328660    -39.962869     1.359844
4.440679     0.757805     -2174.725
 0.75000    302.328660    -34.337869     1.494844
4.440679     0.686438     -2172.867
 1.00000    302.328660    -28.712869     1.629844
4.440679     0.608320     -2171.291

COMB    SVB05 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     1.089844
4.440679     0.880289     -2179.284
 0.25000    302.328660    -45.587869     1.224844
4.440679     0.822422     -2176.864
 0.50000    302.328660    -39.962869     1.359844
4.440679     0.757805     -2174.725
 0.75000    302.328660    -34.337869     1.494844
4.440679     0.686438     -2172.867
 1.00000    302.328660    -28.712869     1.629844
4.440679     0.608320     -2171.291

COMB    SVB06 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     4.396531
34.554180   -206.994882    -2908.241
 0.25000    397.993296    -39.799412     4.396531
34.554180   -207.214708    -2906.110
 0.50000    397.993296    -34.174412     4.396531
34.554180   -207.434535    -2904.261
 0.75000    397.993296    -28.549412     4.396531
34.554180   -207.654362    -2902.693
 1.00000    397.993296    -22.924412     4.396531
34.554180   -207.874188    -2901.406

COMB    SVB06 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     4.396531
34.554180   -206.994882    -2908.241
 0.25000    397.993296    -39.799412     4.396531
34.554180   -207.214708    -2906.110
 0.50000    397.993296    -34.174412     4.396531
34.554180   -207.434535    -2904.261
 0.75000    397.993296    -28.549412     4.396531
34.554180   -207.654362    -2902.693
 1.00000    397.993296    -22.924412     4.396531
34.554180   -207.874188    -2901.406

COMB    SVB07 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     4.84E-15
3.47E-15     3.64E-13     -2908.241
 0.25000    397.993296    -39.799412     4.16E-15
3.47E-15     3.64E-13     -2906.110
 0.50000    397.993296    -34.174412     3.48E-15
3.47E-15     3.64E-13     -2904.261
 0.75000    397.993296    -28.549412     2.80E-15
3.47E-15     3.64E-13     -2902.693
 1.00000    397.993296    -22.924412     2.12E-15
3.47E-15     3.64E-13     -2901.406

COMB    SVB07 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    397.993296    -45.424412     4.84E-15
3.47E-15     3.64E-13     -2908.241
 0.25000    397.993296    -39.799412     4.16E-15
3.47E-15     3.64E-13     -2906.110
 0.50000    397.993296    -34.174412     3.48E-15
3.47E-15     3.64E-13     -2904.261
 0.75000    397.993296    -28.549412     2.80E-15
3.47E-15     3.64E-13     -2902.693
 1.00000    397.993296    -22.924412     2.12E-15
3.47E-15     3.64E-13     -2901.406
Program  SAP2000  Nonlinear  Version  7.42
File:청도1교상행_P11_본체.OUT

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L   F O R C E S

COMB    SVB08 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     4.396531
34.554180   -206.994882    -2179.284
 0.25000    302.328660    -45.587869     4.396531
34.554180   -207.214708    -2176.864
 0.50000    302.328660    -39.962869     4.396531
34.554180   -207.434535    -2174.725
 0.75000    302.328660    -34.337869     4.396531
34.554180   -207.654362    -2172.867
 1.00000    302.328660    -28.712869     4.396531
34.554180   -207.874188    -2171.291

COMB    SVB08 ------------------- MIN

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     4.396531
34.554180   -206.994882    -2179.284
 0.25000    302.328660    -45.587869     4.396531
34.554180   -207.214708    -2176.864
 0.50000    302.328660    -39.962869     4.396531
34.554180   -207.434535    -2174.725
 0.75000    302.328660    -34.337869     4.396531
34.554180   -207.654362    -2172.867
 1.00000    302.328660    -28.712869     4.396531
34.554180   -207.874188    -2171.291

COMB    SVB09 ------------------- MAX

REL DIST            P            V2            V3
       T           M2           M3
 0.00000    302.328660    -51.212869     5.70E-15
2.63E-15     2.73E-13     -2179.284
 0.25000    302.328660    -45.587869     5.02E-15
2.63E-15     2.73E-13     -2176.864
 0.50000    302.328660    -39.962869     4.34E-15
2.63E-15     2.73E-13     -2174.725
 0.75000    302.328660    -34.337869     3.66E-15
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2.63E-15 2.72E-13 -2172.867
1.00000 302.328660 -28.712869 2.98E-15
2.63E-15 2.72E-13 -2171.291

COMB SVB09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

COMB SVB10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	6.576219
43.435538	-205.234303	-2179.284	
0.25000	302.328660	-45.587869	6.846219
43.435538	-205.569864	-2176.864	
0.50000	302.328660	-39.962869	7.116219
43.435538	-205.918925	-2174.725	
0.75000	302.328660	-34.337869	7.386219
43.435538	-206.281486	-2172.867	
1.00000	302.328660	-28.712869	7.656219
43.435538	-206.657547	-2171.291	

COMB SVB10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	6.576219
43.435538	-205.234303	-2179.284	
0.25000	302.328660	-45.587869	6.846219
43.435538	-205.569864	-2176.864	
0.50000	302.328660	-39.962869	7.116219
43.435538	-205.918925	-2174.725	
0.75000	302.328660	-34.337869	7.386219
43.435538	-206.281486	-2172.867	
1.00000	302.328660	-28.712869	7.656219
43.435538	-206.657547	-2171.291	

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COMB SVB11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	2.179688
8.881358	1.760579	-2179.284	
0.25000	302.328660	-45.587869	2.449688
8.881358	1.644844	-2176.864	
0.50000	302.328660	-39.962869	2.719688
8.881358	1.515610	-2174.725	
0.75000	302.328660	-34.337869	2.989688
8.881358	1.372875	-2172.867	
1.00000	302.328660	-28.712869	3.259688
8.881358	1.216641	-2171.291	

COMB SVB11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	2.179688
8.881358	1.760579	-2179.284	
0.25000	302.328660	-45.587869	2.449688
8.881358	1.644844	-2176.864	
0.50000	302.328660	-39.962869	2.719688
8.881358	1.515610	-2174.725	
0.75000	302.328660	-34.337869	2.989688
8.881358	1.372875	-2172.867	
1.00000	302.328660	-28.712869	3.259688
8.881358	1.216641	-2171.291	

COMB SVB12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-45.424412	5.486375
38.994859	-206.114593	-2908.241	
0.25000	397.993296	-39.799412	5.621375
38.994859	-206.392286	-2906.110	
0.50000	397.993296	-34.174412	5.756375
38.994859	-206.676730	-2904.261	
0.75000	397.993296	-28.549412	5.891375
38.994859	-206.967924	-2902.693	
1.00000	397.993296	-22.924412	6.026375
38.994859	-207.265868	-2901.406	

COMB SVB12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-45.424412	5.486375
38.994859	-206.114593	-2908.241	
0.25000	397.993296	-39.799412	5.621375
38.994859	-206.392286	-2906.110	
0.50000	397.993296	-34.174412	5.756375
38.994859	-206.676730	-2904.261	
0.75000	397.993296	-28.549412	5.891375
38.994859	-206.967924	-2902.693	
1.00000	397.993296	-22.924412	6.026375
38.994859	-207.265868	-2901.406	

COMB SVB13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-45.424412	1.089844
4.440679	0.880289	-2908.241	
0.25000	397.993296	-39.799412	1.224844
4.440679	0.822422	-2906.110	
0.50000	397.993296	-34.174412	1.359844
4.440679	0.757805	-2904.261	
0.75000	397.993296	-28.549412	1.494844
4.440679	0.686438	-2902.693	
1.00000	397.993296	-22.924412	1.629844
4.440679	0.608320	-2901.406	

COMB SVB13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	-45.424412	1.089844
4.440679	0.880289	-2908.241	
0.25000	397.993296	-39.799412	1.224844
4.440679	0.822422	-2906.110	
0.50000	397.993296	-34.174412	1.359844
4.440679	0.757805	-2904.261	
0.75000	397.993296	-28.549412	1.494844
4.440679	0.686438	-2902.693	
1.00000	397.993296	-22.924412	1.629844
4.440679	0.608320	-2901.406	

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COMB SVB14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	5.486375
38.994859	-206.114593	-2179.284	
0.25000	302.328660	-45.587869	5.621375
38.994859	-206.392286	-2176.864	
0.50000	302.328660	-39.962869	5.756375
38.994859	-206.676730	-2174.725	
0.75000	302.328660	-34.337869	5.891375
38.994859	-206.967924	-2172.867	
1.00000	302.328660	-28.712869	6.026375
38.994859	-207.265868	-2171.291	

COMB SVB14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	5.486375
38.994859	-206.114593	-2179.284	
0.25000	302.328660	-45.587869	5.621375
38.994859	-206.392286	-2176.864	
0.50000	302.328660	-39.962869	5.756375
38.994859	-206.676730	-2174.725	
0.75000	302.328660	-34.337869	5.891375
38.994859	-206.967924	-2172.867	
1.00000	302.328660	-28.712869	6.026375
38.994859	-207.265868	-2171.291	

COMB SVB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	1.089844
4.440679	0.880289	-2179.284	
0.25000	302.328660	-45.587869	1.224844
4.440679	0.822422	-2176.864	
0.50000	302.328660	-39.962869	1.359844
4.440679	0.757805	-2174.725	
0.75000	302.328660	-34.337869	1.494844
4.440679	0.686438	-2172.867	
1.00000	302.328660	-28.712869	1.629844
4.440679	0.608320	-2171.291	

COMB SVB15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	1.089844
4.440679	0.880289	-2179.284	
0.25000	302.328660	-45.587869	1.224844
4.440679	0.822422	-2176.864	
0.50000	302.328660	-39.962869	1.359844
4.440679	0.757805	-2174.725	
0.75000	302.328660	-34.337869	1.494844
4.440679	0.686438	-2172.867	
1.00000	302.328660	-28.712869	1.629844
4.440679	0.608320	-2171.291	

COMB ULB01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	-54.131548	5.57E-15
5.22E-15	5.51E-13	-4400.327	
0.25000	598.706226	-46.819048	4.68E-15
5.22E-15	5.51E-13	-4397.803	
0.50000	598.706226	-39.506548	3.80E-15
5.22E-15	5.51E-13	-4395.645	
0.75000	598.706226	-32.194048	2.91E-15
5.22E-15	5.51E-13	-4393.852	
1.00000	598.706226	-24.881548	2.02E-15
5.22E-15	5.51E-13	-4392.425	

COMB ULB01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	-54.131548	5.57E-15
5.22E-15	5.51E-13	-4400.327	
0.25000	598.706226	-46.819048	4.68E-15
5.22E-15	5.51E-13	-4397.803	
0.50000	598.706226	-39.506548	3.80E-15
5.22E-15	5.51E-13	-4395.645	
0.75000	598.706226	-32.194048	2.91E-15
5.22E-15	5.51E-13	-4393.852	
1.00000	598.706226	-24.881548	2.02E-15
5.22E-15	5.51E-13	-4392.425	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	7.42E-15
3.41E-15	3.55E-13	-2833.069	
0.25000	393.027257	-59.264229	6.53E-15
3.41E-15	3.55E-13	-2829.923	
0.50000	393.027257	-51.951729	5.64E-15
3.41E-15	3.54E-13	-2827.142	
0.75000	393.027257	-44.639229	4.76E-15
3.41E-15	3.54E-13	-2824.728	
1.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	

COMB ULB02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	7.42E-15
3.41E-15	3.55E-13	-2833.069	
0.25000	393.027257	-59.264229	6.53E-15
3.41E-15	3.55E-13	-2829.923	
0.50000	393.027257	-51.951729	5.64E-15
3.41E-15	3.54E-13	-2827.142	
0.75000	393.027257	-44.639229	4.76E-15
3.41E-15	3.54E-13	-2824.728	
1.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	

COMB ULB03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	2.833594
11.545765	2.288752	-2833.069	
0.25000	393.027257	-59.264229	3.184594
11.545765	2.138297	-2829.923	
0.50000	393.027257	-51.951729	3.535594
11.545765	1.970293	-2827.142	
0.75000	393.027257	-44.639229	3.886594
11.545765	1.784738	-2824.728	
1.00000	393.027257	-37.326729	4.237594
11.545765	1.581633	-2822.678	

COMB ULB03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	2.833594
11.545765	2.288752	-2833.069	
0.25000	393.027257	-59.264229	3.184594
11.545765	2.138297	-2829.923	
0.50000	393.027257	-51.951729	3.535594
11.545765	1.970293	-2827.142	
0.75000	393.027257	-44.639229	3.886594
11.545765	1.784738	-2824.728	
1.00000	393.027257	-37.326729	4.237594
11.545765	1.581633	-2822.678	

COMB ULB04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-59.051736	1.416797
5.772883	1.144376	-3780.713	
0.25000	517.391285	-51.739236	1.592297
5.772883	1.069149	-3777.943	
0.50000	517.391285	-44.426736	1.767797
5.772883	0.985146	-3775.539	
0.75000	517.391285	-37.114236	1.943297
5.772883	0.892369	-3773.501	
1.00000	517.391285	-29.801736	2.118797
5.772883	0.790817	-3771.828	

COMB ULB04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-59.051736	1.416797
5.772883	1.144376	-3780.713	
0.25000	517.391285	-51.739236	1.592297
5.772883	1.069149	-3777.943	
0.50000	517.391285	-44.426736	1.767797
5.772883	0.985146	-3775.539	
0.75000	517.391285	-37.114236	1.943297
5.772883	0.892369	-3773.501	
1.00000	517.391285	-29.801736	2.118797
5.772883	0.790817	-3771.828	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	1.416797
5.772883	1.144376	-2833.069	
0.25000	393.027257	-59.264229	1.592297
5.772883	1.069149	-2829.923	
0.50000	393.027257	-51.951729	1.767797
5.772883	0.985146	-2827.142	
0.75000	393.027257	-44.639229	1.943297
5.772883	0.892369	-2824.728	
1.00000	393.027257	-37.326729	2.118797
5.772883	0.790817	-2822.678	

COMB ULB05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	1.416797
5.772883	1.144376	-2833.069	
0.25000	393.027257	-59.264229	1.592297
5.772883	1.069149	-2829.923	
0.50000	393.027257	-51.951729	1.767797
5.772883	0.985146	-2827.142	
0.75000	393.027257	-44.639229	1.943297
5.772883	0.892369	-2824.728	
1.00000	393.027257	-37.326729	2.118797
5.772883	0.790817	-2822.678	

COMB ULB06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-59.051736	5.715491
44.920434	-269.093346	-3780.713	
0.25000	517.391285	-51.739236	5.715491
44.920434	-269.379121	-3777.943	
0.50000	517.391285	-44.426736	5.715491
44.920434	-269.664895	-3775.539	
0.75000	517.391285	-37.114236	5.715491
44.920434	-269.950670	-3773.501	
1.00000	517.391285	-29.801736	5.715491
44.920434	-270.236444	-3771.828	

COMB ULB06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-59.051736	5.715491
44.920434	-269.093346	-3780.713	
0.25000	517.391285	-51.739236	5.715491
44.920434	-269.379121	-3777.943	
0.50000	517.391285	-44.426736	5.715491
44.920434	-269.664895	-3775.539	
0.75000	517.391285	-37.114236	5.715491
44.920434	-269.950670	-3773.501	
1.00000	517.391285	-29.801736	5.715491
44.920434	-270.236444	-3771.828	

COMB ULB07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-59.051736	6.30E-15
4.51E-15	4.74E-13	-3780.713	
0.25000	517.391285	-51.739236	5.41E-15
4.51E-15	4.73E-13	-3777.943	
0.50000	517.391285	-44.426736	4.53E-15
4.51E-15	4.73E-13	-3775.539	
0.75000	517.391285	-37.114236	3.64E-15
4.51E-15	4.73E-13	-3773.501	
1.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	

COMB ULB07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-59.051736	6.30E-15
4.51E-15	4.74E-13	-3780.713	
0.25000	517.391285	-51.739236	5.41E-15
4.51E-15	4.73E-13	-3777.943	
0.50000	517.391285	-44.426736	4.53E-15
4.51E-15	4.73E-13	-3775.539	
0.75000	517.391285	-37.114236	3.64E-15
4.51E-15	4.73E-13	-3773.501	
1.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	5.715491
44.920434	-269.093346	-2833.069	
0.25000	393.027257	-59.264229	5.715491
44.920434	-269.379121	-2829.923	
0.50000	393.027257	-51.951729	5.715491
44.920434	-269.664895	-2827.142	
0.75000	393.027257	-44.639229	5.715491
44.920434	-269.950670	-2824.728	
1.00000	393.027257	-37.326729	5.715491
44.920434	-270.236444	-2822.678	

COMB ULB08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	5.715491
44.920434	-269.093346	-2833.069	
0.25000	393.027257	-59.264229	5.715491
44.920434	-269.379121	-2829.923	
0.50000	393.027257	-51.951729	5.715491
44.920434	-269.664895	-2827.142	
0.75000	393.027257	-44.639229	5.715491
44.920434	-269.950670	-2824.728	
1.00000	393.027257	-37.326729	5.715491
44.920434	-270.236444	-2822.678	

COMB ULB09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	7.42E-15
3.41E-15	3.55E-13	-2833.069	
0.25000	393.027257	-59.264229	6.53E-15
3.41E-15	3.55E-13	-2829.923	
0.50000	393.027257	-51.951729	5.64E-15
3.41E-15	3.54E-13	-2827.142	
0.75000	393.027257	-44.639229	4.76E-15
3.41E-15	3.54E-13	-2824.728	
1.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	

COMB ULB09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	-66.576729	7.42E-15
3.41E-15	3.55E-13	-2833.069	
0.25000	393.027257	-59.264229	6.53E-15
3.41E-15	3.55E-13	-2829.923	
0.50000	393.027257	-51.951729	5.64E-15
3.41E-15	3.54E-13	-2827.142	
0.75000	393.027257	-44.639229	4.76E-15
3.41E-15	3.54E-13	-2824.728	
1.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	

COMB ULB10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-64.016086	8.220273
54.294422	-256.542879	-2724.105	
0.25000	377.910824	-56.984836	8.557773
54.294422	-256.962330	-2721.080	
0.50000	377.910824	-49.953586	8.895273
54.294422	-257.398656	-2718.406	
0.75000	377.910824	-42.922336	9.232773
54.294422	-257.851858	-2716.084	
1.00000	377.910824	-35.891086	9.570273
54.294422	-258.321934	-2714.114	

COMB ULB10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-64.016086	8.220273
54.294422	-256.542879	-2724.105	
0.25000	377.910824	-56.984836	8.557773
54.294422	-256.962330	-2721.080	
0.50000	377.910824	-49.953586	8.895273
54.294422	-257.398656	-2718.406	
0.75000	377.910824	-42.922336	9.232773
54.294422	-257.851858	-2716.084	
1.00000	377.910824	-35.891086	9.570273
54.294422	-258.321934	-2714.114	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-64.016086	2.724610
11.101697	2.200723	-2724.105	
0.25000	377.910824	-56.984836	3.062110
11.101697	2.056055	-2721.080	
0.50000	377.910824	-49.953586	3.399610
11.101697	1.894512	-2718.406	
0.75000	377.910824	-42.922336	3.737110
11.101697	1.716094	-2716.084	
1.00000	377.910824	-35.891086	4.074610
11.101697	1.520801	-2714.114	

COMB ULB11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-64.016086	2.724610
11.101697	2.200723	-2724.105	
0.25000	377.910824	-56.984836	3.062110
11.101697	2.056055	-2721.080	
0.50000	377.910824	-49.953586	3.399610
11.101697	1.894512	-2718.406	
0.75000	377.910824	-42.922336	3.737110
11.101697	1.716094	-2716.084	
1.00000	377.910824	-35.891086	4.074610
11.101697	1.520801	-2714.114	

COMB ULB12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-56.780515	6.857969
48.743573	-257.643241	-3635.301	
0.25000	497.491620	-49.749265	7.026719
48.743573	-257.990358	-3632.638	
0.50000	497.491620	-42.718015	7.195469
48.743573	-258.345913	-3630.326	
0.75000	497.491620	-35.686765	7.364219
48.743573	-258.709905	-3628.366	
1.00000	497.491620	-28.655515	7.532969
48.743573	-259.082334	-3626.757	

COMB ULB12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-56.780515	6.857969
48.743573	-257.643241	-3635.301	

0.25000	497.491620	-49.749265	7.026719
48.743573	-257.990358	-3632.638	
0.50000	497.491620	-42.718015	7.195469
48.743573	-258.345913	-3630.326	
0.75000	497.491620	-35.686765	7.364219
48.743573	-258.709905	-3628.366	
1.00000	497.491620	-28.655515	7.532969
48.743573	-259.082334	-3626.757	

COMB ULB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	-56.780515	1.362305
5.550849	1.100362	-3635.301	
0.25000	497.491620	-49.749265	1.531055
5.550849	1.028028	-3632.638	
0.50000	497.491620	-42.718015	1.699805
5.550849	0.947256	-3630.326	
0.75000	497.491620	-35.686765	1.868555
5.550849	0.858047	-3628.366	
1.00000	497.491620	-28.655515	2.037305
5.550849	0.760401	-3626.757	

COMB ULB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	-56.780515	1.362305
5.550849	1.100362	-3635.301	
0.25000	497.491620	-49.749265	1.531055
5.550849	1.028028	-3632.638	
0.50000	497.491620	-42.718015	1.699805
5.550849	0.947256	-3630.326	
0.75000	497.491620	-35.686765	1.868555
5.550849	0.858047	-3628.366	
1.00000	497.491620	-28.655515	2.037305
5.550849	0.760401	-3626.757	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	-64.016086	6.857969
48.743573	-257.643241	-2724.105	
0.25000	377.910824	-56.984836	7.026719
48.743573	-257.990358	-2721.080	
0.50000	377.910824	-49.953586	7.195469
48.743573	-258.345913	-2718.406	
0.75000	377.910824	-42.922336	7.364219
48.743573	-258.709905	-2716.084	
1.00000	377.910824	-35.891086	7.532969
48.743573	-259.082334	-2714.114	

COMB ULB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	-64.016086	6.857969
48.743573	-257.643241	-2724.105	
0.25000	377.910824	-56.984836	7.026719
48.743573	-257.990358	-2721.080	
0.50000	377.910824	-49.953586	7.195469
48.743573	-258.345913	-2718.406	
0.75000	377.910824	-42.922336	7.364219
48.743573	-258.709905	-2716.084	
1.00000	377.910824	-35.891086	7.532969
48.743573	-259.082334	-2714.114	

COMB ULB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	-64.016086	1.362305
5.550849	1.100362	-2724.105	
0.25000	377.910824	-56.984836	1.531055
5.550849	1.028028	-2721.080	
0.50000	377.910824	-49.953586	1.699805
5.550849	0.947256	-2718.406	
0.75000	377.910824	-42.922336	1.868555
5.550849	0.858047	-2716.084	
1.00000	377.910824	-35.891086	2.037305
5.550849	0.760401	-2714.114	

COMB ULB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	-64.016086	1.362305
5.550849	1.100362	-2724.105	
0.25000	377.910824	-56.984836	1.531055
5.550849	1.028028	-2721.080	
0.50000	377.910824	-49.953586	1.699805
5.550849	0.947256	-2718.406	
0.75000	377.910824	-42.922336	1.868555
5.550849	0.858047	-2716.084	
1.00000	377.910824	-35.891086	2.037305
5.550849	0.760401	-2714.114	

COMB ULB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

COMB ULB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-59.051736	6.30E-15
4.51E-15	4.74E-13	-3780.713	
0.25000	517.391285	-51.739236	5.41E-15
4.51E-15	4.73E-13	-3777.943	
0.50000	517.391285	-44.426736	4.53E-15
4.51E-15	4.73E-13	-3775.539	
0.75000	517.391285	-37.114236	3.64E-15
4.51E-15	4.73E-13	-3773.501	
1.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	

COMB ULB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-59.051736	6.30E-15
4.51E-15	4.74E-13	-3780.713	
0.25000	517.391285	-51.739236	5.41E-15
4.51E-15	4.73E-13	-3777.943	
0.50000	517.391285	-44.426736	4.53E-15
4.51E-15	4.73E-13	-3775.539	
0.75000	517.391285	-37.114236	3.64E-15
4.51E-15	4.73E-13	-3773.501	
1.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	

COMB ULB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	-61.455442	2.615625
10.657629	2.112694	-2615.140	
0.25000	362.794391	-54.705442	2.939625
10.657629	1.973813	-2612.236	
0.50000	362.794391	-47.955442	3.263625
10.657629	1.818732	-2609.670	
0.75000	362.794391	-41.205442	3.587625
10.657629	1.647450	-2607.441	
1.00000	362.794391	-34.455442	3.911625
10.657629	1.459969	-2605.549	

COMB ULB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	-61.455442	2.615625
10.657629	2.112694	-2615.140	
0.25000	362.794391	-54.705442	2.939625
10.657629	1.973813	-2612.236	
0.50000	362.794391	-47.955442	3.263625
10.657629	1.818732	-2609.670	
0.75000	362.794391	-41.205442	3.587625
10.657629	1.647450	-2607.441	
1.00000	362.794391	-34.455442	3.911625
10.657629	1.459969	-2605.549	

COMB UEB01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-38.767687	3.86E-15
4.43E-15	4.69E-13	-3746.542	
0.25000	508.007629	-33.142687	3.17E-15
4.43E-15	4.69E-13	-3744.744	
0.50000	508.007629	-27.517687	2.49E-15
4.43E-15	4.69E-13	-3743.227	
0.75000	508.007629	-21.892687	1.81E-15
4.43E-15	4.69E-13	-3741.992	
1.00000	508.007629	-16.267687	1.13E-15
4.43E-15	4.69E-13	-3741.038	

COMB UEB01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-38.767687	3.86E-15
4.43E-15	4.69E-13	-3746.542	
0.25000	508.007629	-33.142687	3.17E-15
4.43E-15	4.69E-13	-3744.744	
0.50000	508.007629	-27.517687	2.49E-15
4.43E-15	4.69E-13	-3743.227	
0.75000	508.007629	-21.892687	1.81E-15
4.43E-15	4.69E-13	-3741.992	
1.00000	508.007629	-16.267687	1.13E-15
4.43E-15	4.69E-13	-3741.038	

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COMB UEB02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

COMB UEB02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

COMB UEB03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	2.833594
11.545765	2.288752	-2179.284	
0.25000	302.328660	-45.587869	3.184594
11.545765	2.138297	-2176.864	
0.50000	302.328660	-39.962869	3.535594
11.545765	1.970293	-2174.725	
0.75000	302.328660	-34.337869	3.886594
11.545765	1.784738	-2172.867	
1.00000	302.328660	-28.712869	4.237594
11.545765	1.581633	-2171.291	

COMB UEB03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	2.833594
11.545765	2.288752	-2179.284	
0.25000	302.328660	-45.587869	3.184594
11.545765	2.138297	-2176.864	
0.50000	302.328660	-39.962869	3.535594
11.545765	1.970293	-2174.725	
0.75000	302.328660	-34.337869	3.886594
11.545765	1.784738	-2172.867	
1.00000	302.328660	-28.712869	4.237594
11.545765	1.581633	-2171.291	

COMB UEB04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-43.687875	1.416797
5.772883	1.144376	-3126.928	
0.25000	426.692687	-38.062875	1.592297
5.772883	1.069149	-3124.884	
0.50000	426.692687	-32.437875	1.767797
5.772883	0.985146	-3123.122	
0.75000	426.692687	-26.812875	1.943297
5.772883	0.892369	-3121.640	
1.00000	426.692687	-21.187875	2.118797
5.772883	0.790817	-3120.440	

COMB UEB04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-43.687875	1.416797
5.772883	1.144376	-3126.928	
0.25000	426.692687	-38.062875	1.592297
5.772883	1.069149	-3124.884	
0.50000	426.692687	-32.437875	1.767797
5.772883	0.985146	-3123.122	
0.75000	426.692687	-26.812875	1.943297
5.772883	0.892369	-3121.640	
1.00000	426.692687	-21.187875	2.118797
5.772883	0.790817	-3120.440	

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COMB UEB05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	1.416797
5.772883	1.144376	-2179.284	
0.25000	302.328660	-45.587869	1.592297
5.772883	1.069149	-2176.864	
0.50000	302.328660	-39.962869	1.767797
5.772883	0.985146	-2174.725	
0.75000	302.328660	-34.337869	1.943297
5.772883	0.892369	-2172.867	
1.00000	302.328660	-28.712869	2.118797
5.772883	0.790817	-2171.291	

COMB UEB05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	1.416797
5.772883	1.144376	-2179.284	
0.25000	302.328660	-45.587869	1.592297
5.772883	1.069149	-2176.864	
0.50000	302.328660	-39.962869	1.767797
5.772883	0.985146	-2174.725	
0.75000	302.328660	-34.337869	1.943297
5.772883	0.892369	-2172.867	
1.00000	302.328660	-28.712869	2.118797
5.772883	0.790817	-2171.291	

COMB UEB06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-43.687875	5.715491
44.920434	-269.093346	-3126.928	
0.25000	426.692687	-38.062875	5.715491
44.920434	-269.379121	-3124.884	
0.50000	426.692687	-32.437875	5.715491
44.920434	-269.664895	-3123.122	
0.75000	426.692687	-26.812875	5.715491
44.920434	-269.950670	-3121.640	
1.00000	426.692687	-21.187875	5.715491
44.920434	-270.236444	-3120.440	

COMB UEB06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-43.687875	5.715491
44.920434	-269.093346	-3126.928	
0.25000	426.692687	-38.062875	5.715491
44.920434	-269.379121	-3124.884	
0.50000	426.692687	-32.437875	5.715491
44.920434	-269.664895	-3123.122	
0.75000	426.692687	-26.812875	5.715491
44.920434	-269.950670	-3121.640	
1.00000	426.692687	-21.187875	5.715491
44.920434	-270.236444	-3120.440	

COMB UEB07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	
0.25000	426.692687	-38.062875	3.91E-15
3.72E-15	3.92E-13	-3124.884	
0.50000	426.692687	-32.437875	3.22E-15
3.72E-15	3.91E-13	-3123.122	
0.75000	426.692687	-26.812875	2.54E-15
3.72E-15	3.91E-13	-3121.640	
1.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	

COMB UEB07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	
0.25000	426.692687	-38.062875	3.91E-15
3.72E-15	3.92E-13	-3124.884	
0.50000	426.692687	-32.437875	3.22E-15
3.72E-15	3.91E-13	-3123.122	
0.75000	426.692687	-26.812875	2.54E-15
3.72E-15	3.91E-13	-3121.640	
1.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	

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COMB UEB08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.715491
44.920434	-269.093346	-2179.284	
0.25000	302.328660	-45.587869	5.715491
44.920434	-269.379121	-2176.864	
0.50000	302.328660	-39.962869	5.715491
44.920434	-269.664895	-2174.725	
0.75000	302.328660	-34.337869	5.715491
44.920434	-269.950670	-2172.867	
1.00000	302.328660	-28.712869	5.715491
44.920434	-270.236444	-2171.291	

COMB UEB08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.715491
44.920434	-269.093346	-2179.284	
0.25000	302.328660	-45.587869	5.715491
44.920434	-269.379121	-2176.864	
0.50000	302.328660	-39.962869	5.715491
44.920434	-269.664895	-2174.725	
0.75000	302.328660	-34.337869	5.715491
44.920434	-269.950670	-2172.867	
1.00000	302.328660	-28.712869	5.715491
44.920434	-270.236444	-2171.291	

COMB UEB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

COMB UEB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

COMB UEB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-48.652225	8.220273
54.294422	-256.542879	-2070.320	
0.25000	287.212227	-43.308475	8.557773
54.294422	-256.962330	-2068.021	
0.50000	287.212227	-37.964725	8.895273
54.294422	-257.398656	-2065.989	
0.75000	287.212227	-32.620975	9.232773
54.294422	-257.851858	-2064.224	
1.00000	287.212227	-27.277225	9.570273
54.294422	-258.321934	-2062.727	

COMB UEB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-48.652225	8.220273
54.294422	-256.542879	-2070.320	
0.25000	287.212227	-43.308475	8.557773
54.294422	-256.962330	-2068.021	
0.50000	287.212227	-37.964725	8.895273
54.294422	-257.398656	-2065.989	
0.75000	287.212227	-32.620975	9.232773
54.294422	-257.851858	-2064.224	
1.00000	287.212227	-27.277225	9.570273
54.294422	-258.321934	-2062.727	

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COMB UEB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-48.652225	2.724610
11.101697	2.200723	-2070.320	
0.25000	287.212227	-43.308475	3.062110
11.101697	2.056055	-2068.021	
0.50000	287.212227	-37.964725	3.399610
11.101697	1.894512	-2065.989	
0.75000	287.212227	-32.620975	3.737110
11.101697	1.716094	-2064.224	
1.00000	287.212227	-27.277225	4.074610
11.101697	1.520801	-2062.727	

COMB UEB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-48.652225	2.724610
11.101697	2.200723	-2070.320	
0.25000	287.212227	-43.308475	3.062110
11.101697	2.056055	-2068.021	
0.50000	287.212227	-37.964725	3.399610
11.101697	1.894512	-2065.989	
0.75000	287.212227	-32.620975	3.737110
11.101697	1.716094	-2064.224	
1.00000	287.212227	-27.277225	4.074610
11.101697	1.520801	-2062.727	

COMB UEB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-41.416655	6.857969
48.743573	-257.643241	-2981.516	
0.25000	406.793023	-36.072905	7.026719
48.743573	-257.990358	-2979.579	
0.50000	406.793023	-30.729155	7.195469
48.743573	-258.345913	-2977.909	
0.75000	406.793023	-25.385405	7.364219
48.743573	-258.709905	-2976.506	
1.00000	406.793023	-20.041655	7.532969
48.743573	-259.082334	-2975.370	

COMB UEB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-41.416655	6.857969
48.743573	-257.643241	-2981.516	
0.25000	406.793023	-36.072905	7.026719
48.743573	-257.990358	-2979.579	
0.50000	406.793023	-30.729155	7.195469
48.743573	-258.345913	-2977.909	
0.75000	406.793023	-25.385405	7.364219
48.743573	-258.709905	-2976.506	
1.00000	406.793023	-20.041655	7.532969
48.743573	-259.082334	-2975.370	

COMB UEB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	406.793023	-41.416655	1.362305
5.550849	1.100362	-2981.516	
0.25000	406.793023	-36.072905	1.531055
5.550849	1.028028	-2979.579	
0.50000	406.793023	-30.729155	1.699805
5.550849	0.947256	-2977.909	
0.75000	406.793023	-25.385405	1.868555
5.550849	0.858047	-2976.506	
1.00000	406.793023	-20.041655	2.037305
5.550849	0.760401	-2975.370	

COMB UEB13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	406.793023	-41.416655	1.362305
5.550849	1.100362	-2981.516	
0.25000	406.793023	-36.072905	1.531055
5.550849	1.028028	-2979.579	
0.50000	406.793023	-30.729155	1.699805
5.550849	0.947256	-2977.909	
0.75000	406.793023	-25.385405	1.868555
5.550849	0.858047	-2976.506	
1.00000	406.793023	-20.041655	2.037305
5.550849	0.760401	-2975.370	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-48.652225	6.857969
48.743573	-257.643241	-2070.320	
0.25000	287.212227	-43.308475	7.026719
48.743573	-257.990358	-2068.021	
0.50000	287.212227	-37.964725	7.195469
48.743573	-258.345913	-2065.989	
0.75000	287.212227	-32.620975	7.364219
48.743573	-258.709905	-2064.224	
1.00000	287.212227	-27.277225	7.532969
48.743573	-259.082334	-2062.727	

COMB UEB14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-48.652225	6.857969
48.743573	-257.643241	-2070.320	
0.25000	287.212227	-43.308475	7.026719
48.743573	-257.990358	-2068.021	
0.50000	287.212227	-37.964725	7.195469
48.743573	-258.345913	-2065.989	
0.75000	287.212227	-32.620975	7.364219
48.743573	-258.709905	-2064.224	
1.00000	287.212227	-27.277225	7.532969
48.743573	-259.082334	-2062.727	

COMB UEB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-48.652225	1.362305
5.550849	1.100362	-2070.320	
0.25000	287.212227	-43.308475	1.531055
5.550849	1.028028	-2068.021	
0.50000	287.212227	-37.964725	1.699805
5.550849	0.947256	-2065.989	
0.75000	287.212227	-32.620975	1.868555
5.550849	0.858047	-2064.224	
1.00000	287.212227	-27.277225	2.037305
5.550849	0.760401	-2062.727	

COMB UEB15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-48.652225	1.362305
5.550849	1.100362	-2070.320	
0.25000	287.212227	-43.308475	1.531055
5.550849	1.028028	-2068.021	
0.50000	287.212227	-37.964725	1.699805
5.550849	0.947256	-2065.989	
0.75000	287.212227	-32.620975	1.868555
5.550849	0.858047	-2064.224	
1.00000	287.212227	-27.277225	2.037305
5.550849	0.760401	-2062.727	

COMB UEB16 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

COMB UEB16 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-51.212869	5.70E-15
2.63E-15	2.73E-13	-2179.284	
0.25000	302.328660	-45.587869	5.02E-15
2.63E-15	2.73E-13	-2176.864	
0.50000	302.328660	-39.962869	4.34E-15
2.63E-15	2.73E-13	-2174.725	
0.75000	302.328660	-34.337869	3.66E-15
2.63E-15	2.72E-13	-2172.867	
1.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB17 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	
0.25000	426.692687	-38.062875	3.91E-15
3.72E-15	3.92E-13	-3124.884	
0.50000	426.692687	-32.437875	3.22E-15
3.72E-15	3.91E-13	-3123.122	
0.75000	426.692687	-26.812875	2.54E-15
3.72E-15	3.91E-13	-3121.640	
1.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	

COMB UEB17 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-43.687875	4.59E-15
3.72E-15	3.92E-13	-3126.928	
0.25000	426.692687	-38.062875	3.91E-15
3.72E-15	3.92E-13	-3124.884	
0.50000	426.692687	-32.437875	3.22E-15
3.72E-15	3.91E-13	-3123.122	
0.75000	426.692687	-26.812875	2.54E-15
3.72E-15	3.91E-13	-3121.640	
1.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	

COMB UEB18 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	272.095794	-46.091582	2.615625
10.657629	2.112694	-1961.355	
0.25000	272.095794	-41.029082	2.939625
10.657629	1.973813	-1959.177	
0.50000	272.095794	-35.966582	3.263625
10.657629	1.818732	-1957.252	
0.75000	272.095794	-30.904082	3.587625
10.657629	1.647450	-1955.581	
1.00000	272.095794	-25.841582	3.911625
10.657629	1.459969	-1954.162	

COMB UEB18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	272.095794	-46.091582	2.615625
10.657629	2.112694	-1961.355	
0.25000	272.095794	-41.029082	2.939625
10.657629	1.973813	-1959.177	
0.50000	272.095794	-35.966582	3.263625
10.657629	1.818732	-1957.252	
0.75000	272.095794	-30.904082	3.587625
10.657629	1.647450	-1955.581	
1.00000	272.095794	-25.841582	3.911625
10.657629	1.459969	-1954.162	

COMB SVO01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	
0.25000	398.007311	-39.231299	4.09E-15
3.47E-15	3.64E-13	-2906.031	
0.50000	398.007311	-33.606299	3.41E-15
3.47E-15	3.64E-13	-2904.210	
0.75000	398.007311	-27.981299	2.73E-15
3.47E-15	3.64E-13	-2902.670	
1.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	

COMB SVO01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	
0.25000	398.007311	-39.231299	4.09E-15
3.47E-15	3.64E-13	-2906.031	
0.50000	398.007311	-33.606299	3.41E-15
3.47E-15	3.64E-13	-2904.210	
0.75000	398.007311	-27.981299	2.73E-15
3.47E-15	3.64E-13	-2902.670	
1.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	
0.25000	302.342674	-45.019755	4.95E-15
2.63E-15	2.73E-13	-2176.784	
0.50000	302.342674	-39.394755	4.27E-15
2.63E-15	2.73E-13	-2174.674	
0.75000	302.342674	-33.769755	3.59E-15
2.63E-15	2.72E-13	-2172.845	
1.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	

COMB SVO02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	
0.25000	302.342674	-45.019755	4.95E-15
2.63E-15	2.73E-13	-2176.784	
0.50000	302.342674	-39.394755	4.27E-15
2.63E-15	2.73E-13	-2174.674	
0.75000	302.342674	-33.769755	3.59E-15
2.63E-15	2.72E-13	-2172.845	
1.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	

COMB SVO03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	
0.25000	316.712455	1042.294	-1.27E-13
4.58E-15	2.59E-13	-2030.494	
0.50000	316.712455	1047.919	-1.28E-13
4.58E-15	2.65E-13	-2082.749	
0.75000	316.712455	1053.544	-1.28E-13
4.58E-15	2.71E-13	-2135.285	
1.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	

COMB SVO03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	
0.25000	316.712455	1042.294	-1.27E-13
4.58E-15	2.59E-13	-2030.494	
0.50000	316.712455	1047.919	-1.28E-13
4.58E-15	2.65E-13	-2082.749	
0.75000	316.712455	1053.544	-1.28E-13
4.58E-15	2.71E-13	-2135.285	
1.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	

COMB SVO04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	408.792913	644.762517	-7.90E-14
4.71E-15	3.51E-13	-2780.146	
0.25000	408.792913	650.387517	-7.97E-14
4.71E-15	3.55E-13	-2812.524	
0.50000	408.792913	656.012517	-8.03E-14
4.71E-15	3.59E-13	-2845.184	
0.75000	408.792913	661.637517	-8.10E-14
4.71E-15	3.63E-13	-2878.126	
1.00000	408.792913	667.262517	-8.17E-14
4.71E-15	3.67E-13	-2911.348	

COMB SVO04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	408.792913	644.762517	-7.90E-14
4.71E-15	3.51E-13	-2780.146	
0.25000	408.792913	650.387517	-7.97E-14
4.71E-15	3.55E-13	-2812.524	
0.50000	408.792913	656.012517	-8.03E-14
4.71E-15	3.59E-13	-2845.184	
0.75000	408.792913	661.637517	-8.10E-14
4.71E-15	3.63E-13	-2878.126	
1.00000	408.792913	667.262517	-8.17E-14
4.71E-15	3.67E-13	-2911.348	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	313.128276	638.974060	-7.81E-14
3.87E-15	2.60E-13	-2051.188	
0.25000	313.128276	644.599060	-7.88E-14
3.87E-15	2.64E-13	-2083.278	
0.50000	313.128276	650.224060	-7.95E-14
3.87E-15	2.68E-13	-2115.648	
0.75000	313.128276	655.849060	-8.02E-14
3.87E-15	2.72E-13	-2148.300	
1.00000	313.128276	661.474060	-8.08E-14
3.87E-15	2.76E-13	-2181.233	

COMB SVO05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	313.128276	638.974060	-7.81E-14
3.87E-15	2.60E-13	-2051.188	
0.25000	313.128276	644.599060	-7.88E-14
3.87E-15	2.64E-13	-2083.278	
0.50000	313.128276	650.224060	-7.95E-14
3.87E-15	2.68E-13	-2115.648	
0.75000	313.128276	655.849060	-8.02E-14
3.87E-15	2.72E-13	-2148.300	
1.00000	313.128276	661.474060	-8.08E-14
3.87E-15	2.76E-13	-2181.233	

COMB SVO06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	330.618468	-47.421037	5.01E-15
3.88E-15	4.10E-13	-3272.800	
0.25000	330.618468	-41.796037	4.33E-15
3.88E-15	4.10E-13	-3270.569	
0.50000	330.618468	-36.171037	3.65E-15
3.88E-15	4.10E-13	-3268.620	
0.75000	330.618468	-30.546037	2.96E-15
3.88E-15	4.09E-13	-3266.952	
1.00000	330.618468	-24.921037	2.28E-15
3.88E-15	4.09E-13	-3265.566	

COMB SVO06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	330.618468	-47.421037	5.01E-15
3.88E-15	4.10E-13	-3272.800	
0.25000	330.618468	-41.796037	4.33E-15
3.88E-15	4.10E-13	-3270.569	
0.50000	330.618468	-36.171037	3.65E-15
3.88E-15	4.10E-13	-3268.620	
0.75000	330.618468	-30.546037	2.96E-15
3.88E-15	4.09E-13	-3266.952	
1.00000	330.618468	-24.921037	2.28E-15
3.88E-15	4.09E-13	-3265.566	

COMB SVO07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	
0.25000	398.007311	-39.231299	4.09E-15
3.47E-15	3.64E-13	-2906.031	
0.50000	398.007311	-33.606299	3.41E-15
3.47E-15	3.64E-13	-2904.210	
0.75000	398.007311	-27.981299	2.73E-15
3.47E-15	3.64E-13	-2902.670	
1.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	

COMB SVO07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	398.007311	-44.856299	4.78E-15
3.47E-15	3.64E-13	-2908.133	
0.25000	398.007311	-39.231299	4.09E-15
3.47E-15	3.64E-13	-2906.031	
0.50000	398.007311	-33.606299	3.41E-15
3.47E-15	3.64E-13	-2904.210	
0.75000	398.007311	-27.981299	2.73E-15
3.47E-15	3.64E-13	-2902.670	
1.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	234.953831	-53.209494	5.87E-15
3.04E-15	3.19E-13	-2543.843	
0.25000	234.953831	-47.584494	5.19E-15
3.04E-15	3.18E-13	-2541.323	
0.50000	234.953831	-41.959494	4.51E-15
3.04E-15	3.18E-13	-2539.084	
0.75000	234.953831	-36.334494	3.83E-15
3.04E-15	3.18E-13	-2537.127	
1.00000	234.953831	-30.709494	3.14E-15
3.04E-15	3.18E-13	-2535.451	

COMB SVO08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	234.953831	-53.209494	5.87E-15
3.04E-15	3.19E-13	-2543.843	
0.25000	234.953831	-47.584494	5.19E-15
3.04E-15	3.18E-13	-2541.323	
0.50000	234.953831	-41.959494	4.51E-15
3.04E-15	3.18E-13	-2539.084	
0.75000	234.953831	-36.334494	3.83E-15
3.04E-15	3.18E-13	-2537.127	
1.00000	234.953831	-30.709494	3.14E-15
3.04E-15	3.18E-13	-2535.451	

COMB SVO09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	
0.25000	302.342674	-45.019755	4.95E-15
2.63E-15	2.73E-13	-2176.784	
0.50000	302.342674	-39.394755	4.27E-15
2.63E-15	2.73E-13	-2174.674	
0.75000	302.342674	-33.769755	3.59E-15
2.63E-15	2.72E-13	-2172.845	
1.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	

COMB SVO09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	
0.25000	302.342674	-45.019755	4.95E-15
2.63E-15	2.73E-13	-2176.784	
0.50000	302.342674	-39.394755	4.27E-15
2.63E-15	2.73E-13	-2174.674	
0.75000	302.342674	-33.769755	3.59E-15
2.63E-15	2.72E-13	-2172.845	
1.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	

COMB SVO10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	249.323611	1034.104	-1.26E-13
4.99E-15	2.98E-13	-2343.186	
0.25000	249.323611	1039.729	-1.27E-13
4.99E-15	3.04E-13	-2395.032	
0.50000	249.323611	1045.354	-1.28E-13
4.99E-15	3.11E-13	-2447.159	
0.75000	249.323611	1050.979	-1.28E-13
4.99E-15	3.17E-13	-2499.567	
1.00000	249.323611	1056.604	-1.29E-13
4.99E-15	3.23E-13	-2552.257	

COMB SVO10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	249.323611	1034.104	-1.26E-13
4.99E-15	2.98E-13	-2343.186	
0.25000	249.323611	1039.729	-1.27E-13
4.99E-15	3.04E-13	-2395.032	
0.50000	249.323611	1045.354	-1.28E-13
4.99E-15	3.11E-13	-2447.159	
0.75000	249.323611	1050.979	-1.28E-13
4.99E-15	3.17E-13	-2499.567	
1.00000	249.323611	1056.604	-1.29E-13
4.99E-15	3.23E-13	-2552.257	

Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	
0.25000	316.712455	1042.294	-1.27E-13
4.58E-15	2.59E-13	-2030.494	
0.50000	316.712455	1047.919	-1.28E-13
4.58E-15	2.65E-13	-2082.749	
0.75000	316.712455	1053.544	-1.28E-13
4.58E-15	2.71E-13	-2135.285	
1.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	

COMB SVO11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	316.712455	1036.669	-1.26E-13
4.58E-15	2.52E-13	-1978.520	
0.25000	316.712455	1042.294	-1.27E-13
4.58E-15	2.59E-13	-2030.494	
0.50000	316.712455	1047.919	-1.28E-13
4.58E-15	2.65E-13	-2082.749	
0.75000	316.712455	1053.544	-1.28E-13
4.58E-15	2.71E-13	-2135.285	
1.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	

COMB SVO12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	341.404070	642.197778	-7.87E-14
5.12E-15	3.97E-13	-3144.812	
0.25000	341.404070	647.822778	-7.94E-14
5.12E-15	4.01E-13	-3177.063	
0.50000	341.404070	653.447778	-8.01E-14
5.12E-15	4.05E-13	-3209.595	
0.75000	341.404070	659.072778	-8.08E-14
5.12E-15	4.09E-13	-3242.408	
1.00000	341.404070	664.697778	-8.15E-14
5.12E-15	4.13E-13	-3275.502	

COMB SVO12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	341.404070	642.197778	-7.87E-14
5.12E-15	3.97E-13	-3144.812	
0.25000	341.404070	647.822778	-7.94E-14
5.12E-15	4.01E-13	-3177.063	
0.50000	341.404070	653.447778	-8.01E-14
5.12E-15	4.05E-13	-3209.595	
0.75000	341.404070	659.072778	-8.08E-14
5.12E-15	4.09E-13	-3242.408	
1.00000	341.404070	664.697778	-8.15E-14
5.12E-15	4.13E-13	-3275.502	

COMB SVO13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	408.792913	644.762517	-7.90E-14
4.71E-15	3.51E-13	-2780.146	
0.25000	408.792913	650.387517	-7.97E-14
4.71E-15	3.55E-13	-2812.524	
0.50000	408.792913	656.012517	-8.03E-14
4.71E-15	3.59E-13	-2845.184	
0.75000	408.792913	661.637517	-8.10E-14

4.71E-15 3.63E-13 -2878.126
1.00000 408.792913 667.262517 -8.17E-14
4.71E-15 3.67E-13 -2911.348

COMB SVO13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 408.792913 644.762517 -7.90E-14
4.71E-15 3.51E-13 -2780.146
0.25000 408.792913 650.387517 -7.97E-14
4.71E-15 3.55E-13 -2812.524
0.50000 408.792913 656.012517 -8.03E-14
4.71E-15 3.59E-13 -2845.184
0.75000 408.792913 661.637517 -8.10E-14
4.71E-15 3.63E-13 -2878.126
1.00000 408.792913 667.262517 -8.17E-14
4.71E-15 3.67E-13 -2911.348
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 245.739433 636.409322 -7.79E-14
4.28E-15 3.05E-13 -2415.855
0.25000 245.739433 642.034322 -7.86E-14
4.28E-15 3.09E-13 -2447.816
0.50000 245.739433 647.659322 -7.92E-14
4.28E-15 3.13E-13 -2480.059
0.75000 245.739433 653.284322 -7.99E-14
4.28E-15 3.17E-13 -2512.582
1.00000 245.739433 658.909322 -8.06E-14
4.28E-15 3.21E-13 -2545.387

COMB SVO14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 245.739433 636.409322 -7.79E-14
4.28E-15 3.05E-13 -2415.855
0.25000 245.739433 642.034322 -7.86E-14
4.28E-15 3.09E-13 -2447.816
0.50000 245.739433 647.659322 -7.92E-14
4.28E-15 3.13E-13 -2480.059
0.75000 245.739433 653.284322 -7.99E-14
4.28E-15 3.17E-13 -2512.582
1.00000 245.739433 658.909322 -8.06E-14
4.28E-15 3.21E-13 -2545.387

COMB SVO15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 313.128276 638.974060 -7.81E-14
3.87E-15 2.60E-13 -2051.188
0.25000 313.128276 644.599060 -7.88E-14
3.87E-15 2.64E-13 -2083.278
0.50000 313.128276 650.224060 -7.95E-14
3.87E-15 2.68E-13 -2115.648
0.75000 313.128276 655.849060 -8.02E-14
3.87E-15 2.72E-13 -2148.300
1.00000 313.128276 661.474060 -8.08E-14
3.87E-15 2.76E-13 -2181.233

COMB SVO15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 313.128276 638.974060 -7.81E-14
3.87E-15 2.60E-13 -2051.188
0.25000 313.128276 644.599060 -7.88E-14
3.87E-15 2.64E-13 -2083.278
0.50000 313.128276 650.224060 -7.95E-14
3.87E-15 2.68E-13 -2115.648
0.75000 313.128276 655.849060 -8.02E-14
3.87E-15 2.72E-13 -2148.300
1.00000 313.128276 661.474060 -8.08E-14
3.87E-15 2.76E-13 -2181.233

COMB ULO01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 598.724446 -53.393000 5.48E-15
5.22E-15 5.51E-13 -4400.187
0.25000 598.724446 -46.080500 4.59E-15
5.22E-15 5.51E-13 -4397.700
0.50000 598.724446 -38.768000 3.71E-15
5.22E-15 5.51E-13 -4395.579
0.75000 598.724446 -31.455500 2.82E-15
5.22E-15 5.51E-13 -4393.823
1.00000 598.724446 -24.143000 1.93E-15
5.22E-15 5.51E-13 -4392.433

COMB ULO01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 598.724446 -53.393000 5.48E-15
5.22E-15 5.51E-13 -4400.187
0.25000 598.724446 -46.080500 4.59E-15
5.22E-15 5.51E-13 -4397.700
0.50000 598.724446 -38.768000 3.71E-15
5.22E-15 5.51E-13 -4395.579
0.75000 598.724446 -31.455500 2.82E-15
5.22E-15 5.51E-13 -4393.823
1.00000 598.724446 -24.143000 1.93E-15
5.22E-15 5.51E-13 -4392.433
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -65.838182 7.33E-15
3.41E-15 3.55E-13 -2832.929
0.25000 393.045476 -58.525682 6.44E-15
3.41E-15 3.55E-13 -2829.820
0.50000 393.045476 -51.213182 5.56E-15
3.41E-15 3.54E-13 -2827.076
0.75000 393.045476 -43.900682 4.67E-15
3.41E-15 3.54E-13 -2824.698
1.00000 393.045476 -36.588182 3.78E-15
3.41E-15 3.54E-13 -2822.686

COMB ULO02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -65.838182 7.33E-15
3.41E-15 3.55E-13 -2832.929
0.25000 393.045476 -58.525682 6.44E-15
3.41E-15 3.55E-13 -2829.820
0.50000 393.045476 -51.213182 5.56E-15
3.41E-15 3.54E-13 -2827.076
0.75000 393.045476 -43.900682 4.67E-15
3.41E-15 3.54E-13 -2824.698
1.00000 393.045476 -36.588182 3.78E-15
3.41E-15 3.54E-13 -2822.686

COMB ULO03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 411.726191 1347.670 -1.64E-13
5.96E-15 3.28E-13 -2572.075
0.25000 411.726191 1354.982 -1.65E-13
5.96E-15 3.36E-13 -2639.642
0.50000 411.726191 1362.295 -1.66E-13
5.96E-15 3.45E-13 -2707.574
0.75000 411.726191 1369.607 -1.67E-13
5.96E-15 3.53E-13 -2775.871
1.00000 411.726191 1376.920 -1.68E-13
5.96E-15 3.61E-13 -2844.534

COMB ULO03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 411.726191 1347.670 -1.64E-13
5.96E-15 3.28E-13 -2572.075
0.25000 411.726191 1354.982 -1.65E-13
5.96E-15 3.36E-13 -2639.642
0.50000 411.726191 1362.295 -1.66E-13
5.96E-15 3.45E-13 -2707.574
0.75000 411.726191 1369.607 -1.67E-13
5.96E-15 3.53E-13 -2775.871
1.00000 411.726191 1376.920 -1.68E-13
5.96E-15 3.61E-13 -2844.534

COMB ULO04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 531.430787 838.191272 -1.03E-13
6.12E-15 4.56E-13 -3614.189
0.25000 531.430787 845.503772 -1.04E-13
6.12E-15 4.62E-13 -3656.282
0.50000 531.430787 852.816272 -1.04E-13
6.12E-15 4.67E-13 -3698.740
0.75000 531.430787 860.128772 -1.05E-13
6.12E-15 4.72E-13 -3741.563
1.00000 531.430787 867.441272 -1.06E-13
6.12E-15 4.77E-13 -3784.753

COMB ULO04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 531.430787 838.191272 -1.03E-13
6.12E-15 4.56E-13 -3614.189
0.25000 531.430787 845.503772 -1.04E-13
6.12E-15 4.62E-13 -3656.282
0.50000 531.430787 852.816272 -1.04E-13
6.12E-15 4.67E-13 -3698.740
0.75000 531.430787 860.128772 -1.05E-13
6.12E-15 4.72E-13 -3741.563
1.00000 531.430787 867.441272 -1.06E-13
6.12E-15 4.77E-13 -3784.753
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO05 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 407.066759 830.666278 -1.02E-13
5.03E-15 3.38E-13 -2666.545
0.25000 407.066759 837.978778 -1.02E-13
5.03E-15 3.43E-13 -2708.261
0.50000 407.066759 845.291278 -1.03E-13
5.03E-15 3.48E-13 -2750.343
0.75000 407.066759 852.603778 -1.04E-13
5.03E-15 3.53E-13 -2792.790
1.00000 407.066759 859.916278 -1.05E-13
5.03E-15 3.58E-13 -2835.603

COMB ULO05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 407.066759 830.666278 -1.02E-13
5.03E-15 3.38E-13 -2666.545
0.25000 407.066759 837.978778 -1.02E-13
5.03E-15 3.43E-13 -2708.261
0.50000 407.066759 845.291278 -1.03E-13
5.03E-15 3.48E-13 -2750.343
0.75000 407.066759 852.603778 -1.04E-13
5.03E-15 3.53E-13 -2792.790
1.00000 407.066759 859.916278 -1.05E-13
5.03E-15 3.58E-13 -2835.603

COMB ULO06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 429.804008 -61.647349 6.51E-15
5.04E-15 5.33E-13 -4254.640
0.25000 429.804008 -54.334849 5.63E-15
5.04E-15 5.33E-13 -4251.740
0.50000 429.804008 -47.022349 4.74E-15
5.04E-15 5.33E-13 -4249.206
0.75000 429.804008 -39.709849 3.85E-15
5.04E-15 5.32E-13 -4247.038
1.00000 429.804008 -32.397349 2.97E-15
5.04E-15 5.32E-13 -4245.235

COMB ULO06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 429.804008 -61.647349 6.51E-15
5.04E-15 5.33E-13 -4254.640
0.25000 429.804008 -54.334849 5.63E-15
5.04E-15 5.33E-13 -4251.740
0.50000 429.804008 -47.022349 4.74E-15
5.04E-15 5.33E-13 -4249.206
0.75000 429.804008 -39.709849 3.85E-15
5.04E-15 5.32E-13 -4247.038
1.00000 429.804008 -32.397349 2.97E-15
5.04E-15 5.32E-13 -4245.235

COMB ULO07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -58.313189 6.21E-15
4.51E-15 4.74E-13 -3780.573
0.25000 517.409504 -51.000689 5.32E-15
4.51E-15 4.73E-13 -3777.840
0.50000 517.409504 -43.688189 4.44E-15
4.51E-15 4.73E-13 -3775.473
0.75000 517.409504 -36.375689 3.55E-15
4.51E-15 4.73E-13 -3773.471
1.00000 517.409504 -29.063189 2.67E-15
4.51E-15 4.73E-13 -3771.836

COMB ULO07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 517.409504 -58.313189 6.21E-15
4.51E-15 4.74E-13 -3780.573
0.25000 517.409504 -51.000689 5.32E-15
4.51E-15 4.73E-13 -3777.840
0.50000 517.409504 -43.688189 4.44E-15
4.51E-15 4.73E-13 -3775.473
0.75000 517.409504 -36.375689 3.55E-15
4.51E-15 4.73E-13 -3773.471
1.00000 517.409504 -29.063189 2.67E-15
4.51E-15 4.73E-13 -3771.836
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 305.439980 -69.172342 7.63E-15
3.95E-15 4.14E-13 -3306.996
0.25000 305.439980 -61.859842 6.74E-15
3.95E-15 4.14E-13 -3303.720
0.50000 305.439980 -54.547342 5.86E-15
3.95E-15 4.14E-13 -3300.810
0.75000 305.439980 -47.234842 4.97E-15
3.95E-15 4.13E-13 -3298.265
1.00000 305.439980 -39.922342 4.09E-15
3.95E-15 4.13E-13 -3296.086

COMB ULO08 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 305.439980 -69.172342 7.63E-15
3.95E-15 4.14E-13 -3306.996
0.25000 305.439980 -61.859842 6.74E-15
3.95E-15 4.14E-13 -3303.720
0.50000 305.439980 -54.547342 5.86E-15
3.95E-15 4.14E-13 -3300.810
0.75000 305.439980 -47.234842 4.97E-15
3.95E-15 4.13E-13 -3298.265
1.00000 305.439980 -39.922342 4.09E-15
3.95E-15 4.13E-13 -3296.086

COMB ULO09 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -65.838182 7.33E-15
3.41E-15 3.55E-13 -2832.929
0.25000 393.045476 -58.525682 6.44E-15
3.41E-15 3.55E-13 -2829.820
0.50000 393.045476 -51.213182 5.56E-15
3.41E-15 3.54E-13 -2827.076
0.75000 393.045476 -43.900682 4.67E-15
3.41E-15 3.54E-13 -2824.698
1.00000 393.045476 -36.588182 3.78E-15
3.41E-15 3.54E-13 -2822.686

COMB ULO09 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 393.045476 -65.838182 7.33E-15
3.41E-15 3.55E-13 -2832.929
0.25000 393.045476 -58.525682 6.44E-15
3.41E-15 3.55E-13 -2829.820
0.50000 393.045476 -51.213182 5.56E-15
3.41E-15 3.54E-13 -2827.076
0.75000 393.045476 -43.900682 4.67E-15
3.41E-15 3.54E-13 -2824.698
1.00000 393.045476 -36.588182 3.78E-15
3.41E-15 3.54E-13 -2822.686

COMB ULO10 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 311.654514 1292.630 -1.58E-13
6.24E-15 3.72E-13 -2928.983
0.25000 311.654514 1299.662 -1.59E-13
6.24E-15 3.80E-13 -2993.790
0.50000 311.654514 1306.693 -1.59E-13
6.24E-15 3.88E-13 -3058.949
0.75000 311.654514 1313.724 -1.60E-13
6.24E-15 3.96E-13 -3124.459
1.00000 311.654514 1320.755 -1.61E-13
6.24E-15 4.04E-13 -3190.321

COMB ULO10 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 311.654514 1292.630 -1.58E-13
6.24E-15 3.72E-13 -2928.983
0.25000 311.654514 1299.662 -1.59E-13
6.24E-15 3.80E-13 -2993.790
0.50000 311.654514 1306.693 -1.59E-13
6.24E-15 3.88E-13 -3058.949
0.75000 311.654514 1313.724 -1.60E-13
6.24E-15 3.96E-13 -3124.459
1.00000 311.654514 1320.755 -1.61E-13
6.24E-15 4.04E-13 -3190.321
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P11_본체.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO11 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 395.890568 1295.836 -1.58E-13
5.73E-15 3.15E-13 -2473.149
0.25000 395.890568 1302.867 -1.59E-13
5.73E-15 3.23E-13 -2538.117
0.50000 395.890568 1309.899 -1.60E-13
5.73E-15 3.31E-13 -2603.436
0.75000 395.890568 1316.930 -1.61E-13
5.73E-15 3.39E-13 -2669.107
1.00000 395.890568 1323.961 -1.61E-13
5.73E-15 3.47E-13 -2735.129

COMB ULO11 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 395.890568 1295.836 -1.58E-13
5.73E-15 3.15E-13 -2473.149
0.25000 395.890568 1302.867 -1.59E-13
5.73E-15 3.23E-13 -2538.117
0.50000 395.890568 1309.899 -1.60E-13
5.73E-15 3.31E-13 -2603.436
0.75000 395.890568 1316.930 -1.61E-13
5.73E-15 3.39E-13 -2669.107
1.00000 395.890568 1323.961 -1.61E-13
5.73E-15 3.47E-13 -2735.129

COMB ULO12 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 426.755087 802.747223 -9.84E-14
6.40E-15 4.96E-13 -3931.015
0.25000 426.755087 809.778473 -9.93E-14
6.40E-15 5.01E-13 -3971.329
0.50000 426.755087 816.809723 -1.00E-13
6.40E-15 5.06E-13 -4011.993
0.75000 426.755087 823.840973 -1.01E-13
6.40E-15 5.11E-13 -4053.010
1.00000 426.755087 830.872223 -1.02E-13
6.40E-15 5.16E-13 -4094.377

COMB ULO12 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 426.755087 802.747223 -9.84E-14
6.40E-15 4.96E-13 -3931.015
0.25000 426.755087 809.778473 -9.93E-14
6.40E-15 5.01E-13 -3971.329
0.50000 426.755087 816.809723 -1.00E-13
6.40E-15 5.06E-13 -4011.993
0.75000 426.755087 823.840973 -1.01E-13
6.40E-15 5.11E-13 -4053.010
1.00000 426.755087 830.872223 -1.02E-13
6.40E-15 5.16E-13 -4094.377

COMB ULO13 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 510.991141 805.953146 -9.87E-14
5.88E-15 4.39E-13 -3475.182
0.25000 510.991141 812.984396 -9.96E-14
5.88E-15 4.44E-13 -3515.655
0.50000 510.991141 820.015646 -1.00E-13
5.88E-15 4.49E-13 -3556.480
0.75000 510.991141 827.046896 -1.01E-13
5.88E-15 4.54E-13 -3597.657
1.00000 510.991141 834.078146 -1.02E-13
5.88E-15 4.59E-13 -3639.185

COMB ULO13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 510.991141 805.953146 -9.87E-14
5.88E-15 4.39E-13 -3475.182
0.25000 510.991141 812.984396 -9.96E-14
5.88E-15 4.44E-13 -3515.655
0.50000 510.991141 820.015646 -1.00E-13
5.88E-15 4.49E-13 -3556.480
0.75000 510.991141 827.046896 -1.01E-13
5.88E-15 4.54E-13 -3597.657
1.00000 510.991141 834.078146 -1.02E-13
5.88E-15 4.59E-13 -3639.185
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COMB ULO14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 307.174291 795.511652 -9.74E-14
5.34E-15 3.82E-13 -3019.819
0.25000 307.174291 802.542902 -9.82E-14
5.34E-15 3.87E-13 -3059.770
0.50000 307.174291 809.574152 -9.91E-14
5.34E-15 3.92E-13 -3100.073
0.75000 307.174291 816.605402 -9.99E-14
5.34E-15 3.97E-13 -3140.728
1.00000 307.174291 823.636652 -1.01E-13
5.34E-15 4.02E-13 -3181.734

COMB ULO14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 307.174291 795.511652 -9.74E-14
5.34E-15 3.82E-13 -3019.819
0.25000 307.174291 802.542902 -9.82E-14
5.34E-15 3.87E-13 -3059.770
0.50000 307.174291 809.574152 -9.91E-14
5.34E-15 3.92E-13 -3100.073
0.75000 307.174291 816.605402 -9.99E-14
5.34E-15 3.97E-13 -3140.728
1.00000 307.174291 823.636652 -1.01E-13
5.34E-15 4.02E-13 -3181.734

COMB ULO15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 391.410345 798.717575 -9.76E-14
4.83E-15 3.25E-13 -2563.986
0.25000 391.410345 805.748825 -9.85E-14
4.83E-15 3.30E-13 -2604.097
0.50000 391.410345 812.780075 -9.93E-14
4.83E-15 3.35E-13 -2644.561
0.75000 391.410345 819.811325 -1.00E-13
4.83E-15 3.40E-13 -2685.375
1.00000 391.410345 826.842575 -1.01E-13
4.83E-15 3.45E-13 -2726.542

COMB ULO15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 391.410345 798.717575 -9.76E-14
4.83E-15 3.25E-13 -2563.986
0.25000 391.410345 805.748825 -9.85E-14
4.83E-15 3.30E-13 -2604.097
0.50000 391.410345 812.780075 -9.93E-14
4.83E-15 3.35E-13 -2644.561
0.75000 391.410345 819.811325 -1.00E-13
4.83E-15 3.40E-13 -2685.375
1.00000 391.410345 826.842575 -1.01E-13
4.83E-15 3.45E-13 -2726.542

COMB ULO16 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 302.342674 -50.644755 5.64E-15
2.63E-15 2.73E-13 -2179.176
0.25000 302.342674 -45.019755 4.95E-15
2.63E-15 2.73E-13 -2176.784
0.50000 302.342674 -39.394755 4.27E-15
2.63E-15 2.73E-13 -2174.674
0.75000 302.342674 -33.769755 3.59E-15
2.63E-15 2.72E-13 -2172.845
1.00000 302.342674 -28.144755 2.91E-15
2.63E-15 2.72E-13 -2171.297

COMB ULO16 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 302.342674 -50.644755 5.64E-15
2.63E-15 2.73E-13 -2179.176

0.25000 302.342674 -45.019755 4.95E-15
2.63E-15 2.73E-13 -2176.784
0.50000 302.342674 -39.394755 4.27E-15
2.63E-15 2.73E-13 -2174.674
0.75000 302.342674 -33.769755 3.59E-15
2.63E-15 2.72E-13 -2172.845
1.00000 302.342674 -28.144755 2.91E-15
2.63E-15 2.72E-13 -2171.297
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COMB ULO17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-58.313189	6.21E-15
4.51E-15	4.74E-13	-3780.573	
0.25000	517.409504	-51.000689	5.32E-15
4.51E-15	4.73E-13	-3777.840	
0.50000	517.409504	-43.688189	4.44E-15
4.51E-15	4.73E-13	-3775.473	
0.75000	517.409504	-36.375689	3.55E-15
4.51E-15	4.73E-13	-3773.471	
1.00000	517.409504	-29.063189	2.67E-15
4.51E-15	4.73E-13	-3771.836	

COMB ULO17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-58.313189	6.21E-15
4.51E-15	4.74E-13	-3780.573	
0.25000	517.409504	-51.000689	5.32E-15
4.51E-15	4.73E-13	-3777.840	
0.50000	517.409504	-43.688189	4.44E-15
4.51E-15	4.73E-13	-3775.473	
0.75000	517.409504	-36.375689	3.55E-15
4.51E-15	4.73E-13	-3773.471	
1.00000	517.409504	-29.063189	2.67E-15
4.51E-15	4.73E-13	-3771.836	

COMB ULO18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	1244.003	-1.52E-13
5.50E-15	3.03E-13	-2374.223	
0.25000	380.054946	1250.753	-1.53E-13
5.50E-15	3.10E-13	-2436.592	
0.50000	380.054946	1257.503	-1.53E-13
5.50E-15	3.18E-13	-2499.299	
0.75000	380.054946	1264.253	-1.54E-13
5.50E-15	3.26E-13	-2562.343	
1.00000	380.054946	1271.003	-1.55E-13
5.50E-15	3.33E-13	-2625.724	

COMB ULO18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	1244.003	-1.52E-13
5.50E-15	3.03E-13	-2374.223	
0.25000	380.054946	1250.753	-1.53E-13
5.50E-15	3.10E-13	-2436.592	
0.50000	380.054946	1257.503	-1.53E-13
5.50E-15	3.18E-13	-2499.299	
0.75000	380.054946	1264.253	-1.54E-13
5.50E-15	3.26E-13	-2562.343	
1.00000	380.054946	1271.003	-1.55E-13
5.50E-15	3.33E-13	-2625.724	

COMB UEO01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-38.029140	3.77E-15
4.43E-15	4.69E-13	-3746.402	
0.25000	508.025848	-32.404140	3.08E-15
4.43E-15	4.69E-13	-3744.641	
0.50000	508.025848	-26.779140	2.40E-15
4.43E-15	4.69E-13	-3743.161	
0.75000	508.025848	-21.154140	1.72E-15
4.43E-15	4.69E-13	-3741.963	
1.00000	508.025848	-15.529140	1.04E-15
4.43E-15	4.69E-13	-3741.046	

COMB UEO01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-38.029140	3.77E-15
4.43E-15	4.69E-13	-3746.402	
0.25000	508.025848	-32.404140	3.08E-15
4.43E-15	4.69E-13	-3744.641	
0.50000	508.025848	-26.779140	2.40E-15
4.43E-15	4.69E-13	-3743.161	
0.75000	508.025848	-21.154140	1.72E-15
4.43E-15	4.69E-13	-3741.963	
1.00000	508.025848	-15.529140	1.04E-15
4.43E-15	4.69E-13	-3741.046	
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COMB UEO02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	
0.25000	302.346879	-44.849322	4.93E-15
2.63E-15	2.73E-13	-2176.761	
0.50000	302.346879	-39.224322	4.25E-15
2.63E-15	2.73E-13	-2174.659	
0.75000	302.346879	-33.599322	3.57E-15
2.63E-15	2.72E-13	-2172.838	
1.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	

COMB UEO02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	
0.25000	302.346879	-44.849322	4.93E-15
2.63E-15	2.73E-13	-2176.761	
0.50000	302.346879	-39.224322	4.25E-15
2.63E-15	2.73E-13	-2174.659	
0.75000	302.346879	-33.599322	3.57E-15
2.63E-15	2.72E-13	-2172.838	
1.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	

COMB UEO03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1363.034	-1.66E-13
5.17E-15	2.46E-13	-1918.290	
0.25000	321.027593	1368.659	-1.67E-13
5.17E-15	2.54E-13	-1986.583	
0.50000	321.027593	1374.284	-1.67E-13
5.17E-15	2.63E-13	-2055.156	
0.75000	321.027593	1379.909	-1.68E-13
5.17E-15	2.71E-13	-2124.011	
1.00000	321.027593	1385.534	-1.69E-13
5.17E-15	2.80E-13	-2193.147	

COMB UEO03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1363.034	-1.66E-13
5.17E-15	2.46E-13	-1918.290	
0.25000	321.027593	1368.659	-1.67E-13
5.17E-15	2.54E-13	-1986.583	
0.50000	321.027593	1374.284	-1.67E-13
5.17E-15	2.63E-13	-2055.156	
0.75000	321.027593	1379.909	-1.68E-13
5.17E-15	2.71E-13	-2124.011	
1.00000	321.027593	1385.534	-1.69E-13
5.17E-15	2.80E-13	-2193.147	

COMB UEO04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	853.555132	-1.04E-13
5.33E-15	3.75E-13	-2960.404	
0.25000	440.732189	859.180132	-1.05E-13
5.33E-15	3.80E-13	-3003.223	
0.50000	440.732189	864.805132	-1.06E-13
5.33E-15	3.85E-13	-3046.322	
0.75000	440.732189	870.430132	-1.06E-13
5.33E-15	3.90E-13	-3089.703	
1.00000	440.732189	876.055132	-1.07E-13
5.33E-15	3.96E-13	-3133.365	

COMB UEO04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	853.555132	-1.04E-13
5.33E-15	3.75E-13	-2960.404	
0.25000	440.732189	859.180132	-1.05E-13
5.33E-15	3.80E-13	-3003.223	
0.50000	440.732189	864.805132	-1.06E-13
5.33E-15	3.85E-13	-3046.322	
0.75000	440.732189	870.430132	-1.06E-13
5.33E-15	3.90E-13	-3089.703	
1.00000	440.732189	876.055132	-1.07E-13
5.33E-15	3.96E-13	-3133.365	
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COMB UEO05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	846.030139	-1.03E-13
4.24E-15	2.56E-13	-2012.760	
0.25000	316.368161	851.655139	-1.04E-13
4.24E-15	2.61E-13	-2055.202	
0.50000	316.368161	857.280139	-1.05E-13
4.24E-15	2.66E-13	-2097.925	
0.75000	316.368161	862.905139	-1.05E-13
4.24E-15	2.71E-13	-2140.930	
1.00000	316.368161	868.530139	-1.06E-13
4.24E-15	2.77E-13	-2184.216	

COMB UEO05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	846.030139	-1.03E-13
4.24E-15	2.56E-13	-2012.760	
0.25000	316.368161	851.655139	-1.04E-13
4.24E-15	2.61E-13	-2055.202	
0.50000	316.368161	857.280139	-1.05E-13
4.24E-15	2.66E-13	-2097.925	
0.75000	316.368161	862.905139	-1.05E-13
4.24E-15	2.71E-13	-2140.930	
1.00000	316.368161	868.530139	-1.06E-13
4.24E-15	2.77E-13	-2184.216	

COMB UEO06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-46.283488	4.80E-15
4.25E-15	4.51E-13	-3600.855	
0.25000	339.105410	-40.658488	4.12E-15
4.25E-15	4.51E-13	-3598.681	
0.50000	339.105410	-35.033488	3.44E-15
4.25E-15	4.51E-13	-3596.789	
0.75000	339.105410	-29.408488	2.76E-15
4.25E-15	4.51E-13	-3595.178	
1.00000	339.105410	-23.783488	2.07E-15
4.25E-15	4.50E-13	-3593.848	

COMB UEO06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-46.283488	4.80E-15
4.25E-15	4.51E-13	-3600.855	
0.25000	339.105410	-40.658488	4.12E-15
4.25E-15	4.51E-13	-3598.681	
0.50000	339.105410	-35.033488	3.44E-15
4.25E-15	4.51E-13	-3596.789	
0.75000	339.105410	-29.408488	2.76E-15
4.25E-15	4.51E-13	-3595.178	
1.00000	339.105410	-23.783488	2.07E-15
4.25E-15	4.50E-13	-3593.848	

COMB UEO07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	
0.25000	426.710906	-37.324328	3.82E-15
3.72E-15	3.92E-13	-3124.781	
0.50000	426.710906	-31.699328	3.13E-15
3.72E-15	3.91E-13	-3123.056	
0.75000	426.710906	-26.074328	2.45E-15
3.72E-15	3.91E-13	-3121.611	
1.00000	426.710906	-20.449328	1.77E-15
3.72E-15	3.91E-13	-3120.448	

COMB UEO07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	
0.25000	426.710906	-37.324328	3.82E-15
3.72E-15	3.92E-13	-3124.781	
0.50000	426.710906	-31.699328	3.13E-15
3.72E-15	3.91E-13	-3123.056	
0.75000	426.710906	-26.074328	2.45E-15
3.72E-15	3.91E-13	-3121.611	
1.00000	426.710906	-20.449328	1.77E-15
3.72E-15	3.91E-13	-3120.448	
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COMB UEO08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-53.808482	5.92E-15
3.16E-15	3.32E-13	-2653.210	
0.25000	214.741382	-48.183482	5.24E-15
3.16E-15	3.32E-13	-2650.661	
0.50000	214.741382	-42.558482	4.56E-15
3.16E-15	3.32E-13	-2648.392	
0.75000	214.741382	-36.933482	3.87E-15
3.16E-15	3.32E-13	-2646.405	
1.00000	214.741382	-31.308482	3.19E-15
3.16E-15	3.32E-13	-2644.699	

COMB UEO08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-53.808482	5.92E-15
3.16E-15	3.32E-13	-2653.210	
0.25000	214.741382	-48.183482	5.24E-15
3.16E-15	3.32E-13	-2650.661	
0.50000	214.741382	-42.558482	4.56E-15
3.16E-15	3.32E-13	-2648.392	
0.75000	214.741382	-36.933482	3.87E-15
3.16E-15	3.32E-13	-2646.405	
1.00000	214.741382	-31.308482	3.19E-15
3.16E-15	3.32E-13	-2644.699	

COMB UEO09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	
0.25000	302.346879	-44.849322	4.93E-15
2.63E-15	2.73E-13	-2176.761	
0.50000	302.346879	-39.224322	4.25E-15
2.63E-15	2.73E-13	-2174.659	
0.75000	302.346879	-33.599322	3.57E-15
2.63E-15	2.72E-13	-2172.838	
1.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	

COMB UEO09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-50.474322	5.61E-15
2.63E-15	2.73E-13	-2179.144	
0.25000	302.346879	-44.849322	4.93E-15
2.63E-15	2.73E-13	-2176.761	
0.50000	302.346879	-39.224322	4.25E-15
2.63E-15	2.73E-13	-2174.659	
0.75000	302.346879	-33.599322	3.57E-15
2.63E-15	2.72E-13	-2172.838	
1.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	

COMB UEO10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1307.994	-1.59E-13
5.45E-15	2.91E-13	-2275.198	
0.25000	220.955916	1313.338	-1.60E-13
5.45E-15	2.99E-13	-2340.731	
0.50000	220.955916	1318.682	-1.61E-13
5.45E-15	3.07E-13	-2406.531	
0.75000	220.955916	1324.025	-1.61E-13
5.45E-15	3.15E-13	-2472.599	
1.00000	220.955916	1329.369	-1.62E-13
5.45E-15	3.23E-13	-2538.934	

COMB UEO10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1307.994	-1.59E-13
5.45E-15	2.91E-13	-2275.198	
0.25000	220.955916	1313.338	-1.60E-13
5.45E-15	2.99E-13	-2340.731	
0.50000	220.955916	1318.682	-1.61E-13
5.45E-15	3.07E-13	-2406.531	
0.75000	220.955916	1324.025	-1.61E-13
5.45E-15	3.15E-13	-2472.599	
1.00000	220.955916	1329.369	-1.62E-13
5.45E-15	3.23E-13	-2538.934	
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COMB UEO11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1311.200	-1.60E-13
4.94E-15	2.33E-13	-1819.364	
0.25000	305.191970	1316.544	-1.60E-13
4.94E-15	2.41E-13	-1885.058	
0.50000	305.191970	1321.888	-1.61E-13
4.94E-15	2.50E-13	-1951.019	
0.75000	305.191970	1327.231	-1.62E-13
4.94E-15	2.58E-13	-2017.247	
1.00000	305.191970	1332.575	-1.62E-13
4.94E-15	2.66E-13	-2083.742	

COMB UEO11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1311.200	-1.60E-13
4.94E-15	2.33E-13	-1819.364	
0.25000	305.191970	1316.544	-1.60E-13
4.94E-15	2.41E-13	-1885.058	
0.50000	305.191970	1321.888	-1.61E-13
4.94E-15	2.50E-13	-1951.019	
0.75000	305.191970	1327.231	-1.62E-13
4.94E-15	2.58E-13	-2017.247	
1.00000	305.191970	1332.575	-1.62E-13
4.94E-15	2.66E-13	-2083.742	

COMB UEO12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	818.111083	-1.00E-13
5.61E-15	4.14E-13	-3277.230	
0.25000	336.056489	823.454833	-1.01E-13
5.61E-15	4.19E-13	-3318.269	
0.50000	336.056489	828.798583	-1.01E-13
5.61E-15	4.24E-13	-3359.576	
0.75000	336.056489	834.142333	-1.02E-13
5.61E-15	4.29E-13	-3401.149	
1.00000	336.056489	839.486083	-1.03E-13
5.61E-15	4.34E-13	-3442.990	

COMB UEO12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	818.111083	-1.00E-13
5.61E-15	4.14E-13	-3277.230	
0.25000	336.056489	823.454833	-1.01E-13
5.61E-15	4.19E-13	-3318.269	
0.50000	336.056489	828.798583	-1.01E-13
5.61E-15	4.24E-13	-3359.576	
0.75000	336.056489	834.142333	-1.02E-13
5.61E-15	4.29E-13	-3401.149	
1.00000	336.056489	839.486083	-1.03E-13
5.61E-15	4.34E-13	-3442.990	

COMB UEO13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	821.317007	-1.00E-13
5.10E-15	3.57E-13	-2821.397	
0.25000	420.292543	826.660757	-1.01E-13
5.10E-15	3.62E-13	-2862.596	
0.50000	420.292543	832.004507	-1.02E-13
5.10E-15	3.67E-13	-2904.063	
0.75000	420.292543	837.348257	-1.02E-13
5.10E-15	3.72E-13	-2945.797	
1.00000	420.292543	842.692007	-1.03E-13
5.10E-15	3.77E-13	-2987.798	

COMB UEO13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	821.317007	-1.00E-13
5.10E-15	3.57E-13	-2821.397	
0.25000	420.292543	826.660757	-1.01E-13
5.10E-15	3.62E-13	-2862.596	
0.50000	420.292543	832.004507	-1.02E-13
5.10E-15	3.67E-13	-2904.063	
0.75000	420.292543	837.348257	-1.02E-13
5.10E-15	3.72E-13	-2945.797	
1.00000	420.292543	842.692007	-1.03E-13
5.10E-15	3.77E-13	-2987.798	
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COMB UEO14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	810.875513	-9.91E-14
4.56E-15	3.00E-13	-2366.034	
0.25000	216.475693	816.219263	-9.97E-14
4.56E-15	3.05E-13	-2406.711	
0.50000	216.475693	821.563013	-1.00E-13
4.56E-15	3.10E-13	-2447.656	
0.75000	216.475693	826.906763	-1.01E-13
4.56E-15	3.15E-13	-2488.868	
1.00000	216.475693	832.250513	-1.02E-13
4.56E-15	3.20E-13	-2530.346	

COMB UEO14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	810.875513	-9.91E-14
4.56E-15	3.00E-13	-2366.034	
0.25000	216.475693	816.219263	-9.97E-14
4.56E-15	3.05E-13	-2406.711	
0.50000	216.475693	821.563013	-1.00E-13
4.56E-15	3.10E-13	-2447.656	
0.75000	216.475693	826.906763	-1.01E-13
4.56E-15	3.15E-13	-2488.868	
1.00000	216.475693	832.250513	-1.02E-13
4.56E-15	3.20E-13	-2530.346	

COMB UEO15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	814.081436	-9.94E-14
4.05E-15	2.43E-13	-1910.201	
0.25000	300.711747	819.425186	-1.00E-13
4.05E-15	2.48E-13	-1951.038	
0.50000	300.711747	824.768936	-1.01E-13
4.05E-15	2.53E-13	-1992.143	
0.75000	300.711747	830.112686	-1.01E-13
4.05E-15	2.58E-13	-2033.515	
1.00000	300.711747	835.456436	-1.02E-13
4.05E-15	2.63E-13	-2075.154	

COMB UEO15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	814.081436	-9.94E-14
4.05E-15	2.43E-13	-1910.201	
0.25000	300.711747	819.425186	-1.00E-13
4.05E-15	2.48E-13	-1951.038	
0.50000	300.711747	824.768936	-1.01E-13
4.05E-15	2.53E-13	-1992.143	
0.75000	300.711747	830.112686	-1.01E-13
4.05E-15	2.58E-13	-2033.515	
1.00000	300.711747	835.456436	-1.02E-13
4.05E-15	2.63E-13	-2075.154	

COMB UEO16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	
0.25000	302.342674	-45.019755	4.95E-15
2.63E-15	2.73E-13	-2176.784	
0.50000	302.342674	-39.394755	4.27E-15
2.63E-15	2.73E-13	-2174.674	
0.75000	302.342674	-33.769755	3.59E-15
2.63E-15	2.72E-13	-2172.845	
1.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	

COMB UEO16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-50.644755	5.64E-15
2.63E-15	2.73E-13	-2179.176	
0.25000	302.342674	-45.019755	4.95E-15
2.63E-15	2.73E-13	-2176.784	
0.50000	302.342674	-39.394755	4.27E-15
2.63E-15	2.73E-13	-2174.674	
0.75000	302.342674	-33.769755	3.59E-15
2.63E-15	2.72E-13	-2172.845	
1.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	
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COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	
0.25000	426.710906	-37.324328	3.82E-15
3.72E-15	3.92E-13	-3124.781	
0.50000	426.710906	-31.699328	3.13E-15
3.72E-15	3.91E-13	-3123.056	
0.75000	426.710906	-26.074328	2.45E-15
3.72E-15	3.91E-13	-3121.611	
1.00000	426.710906	-20.449328	1.77E-15
3.72E-15	3.91E-13	-3120.448	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-42.949328	4.50E-15
3.72E-15	3.92E-13	-3126.788	
0.25000	426.710906	-37.324328	3.82E-15
3.72E-15	3.92E-13	-3124.781	
0.50000	426.710906	-31.699328	3.13E-15
3.72E-15	3.91E-13	-3123.056	
0.75000	426.710906	-26.074328	2.45E-15
3.72E-15	3.91E-13	-3121.611	
1.00000	426.710906	-20.449328	1.77E-15
3.72E-15	3.91E-13	-3120.448	

COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1259.367	-1.53E-13
4.71E-15	2.21E-13	-1720.438	
0.25000	289.356348	1264.429	-1.54E-13
4.71E-15	2.29E-13	-1783.533	
0.50000	289.356348	1269.492	-1.55E-13
4.71E-15	2.36E-13	-1846.881	
0.75000	289.356348	1274.554	-1.55E-13
4.71E-15	2.44E-13	-1910.482	
1.00000	289.356348	1279.617	-1.56E-13
4.71E-15	2.52E-13	-1974.337	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1259.367	-1.53E-13
4.71E-15	2.21E-13	-1720.438	
0.25000	289.356348	1264.429	-1.54E-13
4.71E-15	2.29E-13	-1783.533	
0.50000	289.356348	1269.492	-1.55E-13
4.71E-15	2.36E-13	-1846.881	
0.75000	289.356348	1274.554	-1.55E-13
4.71E-15	2.44E-13	-1910.482	
1.00000	289.356348	1279.617	-1.56E-13
4.71E-15	2.52E-13	-1974.337	

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-54.131548	5.57E-15
5.22E-15	5.51E-13	-4400.327	
0.25000	598.706226	-46.819048	4.68E-15
5.22E-15	5.51E-13	-4397.803	
0.50000	598.706226	-39.506548	3.80E-15
5.22E-15	5.51E-13	-4395.645	
0.75000	598.706226	-32.194048	2.91E-15
5.22E-15	5.51E-13	-4393.852	
1.00000	598.706226	-24.881548	2.02E-15
5.22E-15	5.51E-13	-4392.425	

COMB ENVBULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-54.131548	5.57E-15
5.22E-15	5.51E-13	-4400.327	
0.25000	598.706226	-46.819048	4.68E-15
5.22E-15	5.51E-13	-4397.803	
0.50000	598.706226	-39.506548	3.80E-15
5.22E-15	5.51E-13	-4395.645	
0.75000	598.706226	-32.194048	2.91E-15
5.22E-15	5.51E-13	-4393.852	
1.00000	598.706226	-24.881548	2.02E-15
5.22E-15	5.51E-13	-4392.425	

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COMB ENVBECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	-38.767687	5.70E-15
4.43E-15	4.69E-13	-2179.284	
0.25000	508.007629	-33.142687	5.02E-15
4.43E-15	4.69E-13	-2176.864	
0.50000	508.007629	-27.517687	4.34E-15
4.43E-15	4.69E-13	-2174.725	
0.75000	508.007629	-21.892687	3.66E-15
4.43E-15	4.69E-13	-2172.867	
1.00000	508.007629	-16.267687	2.98E-15
4.43E-15	4.69E-13	-2171.291	

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-51.212869	3.86E-15
2.63E-15	2.73E-13	-3746.542	
0.25000	302.328660	-45.587869	3.17E-15
2.63E-15	2.73E-13	-3744.744	
0.50000	302.328660	-39.962869	2.49E-15
2.63E-15	2.73E-13	-3743.227	
0.75000	302.328660	-34.337869	1.81E-15
2.63E-15	2.72E-13	-3741.992	
1.00000	302.328660	-28.712869	1.13E-15
2.63E-15	2.72E-13	-3741.038	

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-53.393000	5.48E-15
5.22E-15	5.51E-13	-4400.187	
0.25000	598.724446	-46.080500	4.59E-15
5.22E-15	5.51E-13	-4397.700	
0.50000	598.724446	-38.768000	3.71E-15
5.22E-15	5.51E-13	-4395.579	
0.75000	598.724446	-31.455500	2.82E-15
5.22E-15	5.51E-13	-4393.823	
1.00000	598.724446	-24.143000	1.93E-15
5.22E-15	5.51E-13	-4392.433	

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-53.393000	5.48E-15
5.22E-15	5.51E-13	-4400.187	
0.25000	598.724446	-46.080500	4.59E-15
5.22E-15	5.51E-13	-4397.700	
0.50000	598.724446	-38.768000	3.71E-15
5.22E-15	5.51E-13	-4395.579	
0.75000	598.724446	-31.455500	2.82E-15
5.22E-15	5.51E-13	-4393.823	
1.00000	598.724446	-24.143000	1.93E-15
5.22E-15	5.51E-13	-4392.433	

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-38.029140	5.61E-15
4.43E-15	4.69E-13	-2179.144	
0.25000	508.025848	-32.404140	4.93E-15
4.43E-15	4.69E-13	-2176.761	
0.50000	508.025848	-26.779140	4.25E-15
4.43E-15	4.69E-13	-2174.659	
0.75000	508.025848	-21.154140	3.57E-15
4.43E-15	4.69E-13	-2172.838	
1.00000	508.025848	-15.529140	2.89E-15
4.43E-15	4.69E-13	-2171.299	

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-50.474322	3.77E-15
2.63E-15	2.73E-13	-3746.402	
0.25000	302.346879	-44.849322	3.08E-15
2.63E-15	2.73E-13	-3744.641	
0.50000	302.346879	-39.224322	2.40E-15
2.63E-15	2.73E-13	-3743.161	
0.75000	302.346879	-33.599322	1.72E-15
2.63E-15	2.72E-13	-3741.963	
1.00000	302.346879	-27.974322	1.04E-15
2.63E-15	2.72E-13	-3741.046	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 10 ========== LENGTH =
0.500000

LOAD D ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

LOAD L1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.15E-14	-730.114832	
0.25000	95.664637	5.788457	-8.60E-16
8.41E-16	9.16E-14	-730.838389	
0.50000	95.664637	5.788457	-8.60E-16
8.41E-16	9.17E-14	-731.561946	
0.75000	95.664637	5.788457	-8.60E-16
8.41E-16	9.18E-14	-732.285503	
1.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.19E-14	-733.009060	

LOAD W-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.14E-17	3.87E-16	3.259688
8.881358	1.216641	2.36E-16	
0.25000	1.14E-17	4.69E-16	3.934688
8.881358	0.766993	1.83E-16	
0.50000	1.14E-17	5.51E-16	4.609688
8.881358	0.232969	1.19E-16	
0.75000	1.14E-17	6.33E-16	5.284688
8.881358	-0.385429	4.49E-17	
1.00000	1.14E-17	7.14E-16	5.959688
8.881358	-1.088203	-3.93E-17	

LOAD G-LO2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.75E-16	4.23E-16	4.396531
34.554180	-207.874188	-2.15E-14	
0.25000	4.75E-16	4.23E-16	4.396531
34.554180	-208.423754	-2.16E-14	
0.50000	4.75E-16	4.23E-16	4.396531
34.554180	-208.973321	-2.16E-14	
0.75000	4.75E-16	4.23E-16	4.396531
34.554180	-209.522887	-2.17E-14	
1.00000	4.75E-16	4.23E-16	4.396531
34.554180	-210.072454	-2.17E-14	

LOAD E-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.369780	1087.314	-1.32E-13
1.96E-15	5.65E-15	-16.806194	
0.25000	14.369780	1087.314	-1.32E-13
1.96E-15	2.22E-14	-152.720413	
0.50000	14.369780	1087.314	-1.32E-13
1.96E-15	3.87E-14	-288.634632	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	14.369780	1087.314	-1.32E-13
1.96E-15	5.52E-14	-424.548851	
1.00000	14.369780	1087.314	-1.32E-13
1.96E-15	7.17E-14	-560.463070	

LOAD WL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.600712	145.961940	-1.77E-14
2.62E-16	6.68E-16	-1.533108	
0.25000	3.600712	145.961940	-1.77E-14
2.62E-16	2.88E-15	-19.778351	
0.50000	3.600712	145.961940	-1.77E-14
2.62E-16	5.10E-15	-38.023593	
0.75000	3.600712	145.961940	-1.77E-14
2.62E-16	7.32E-15	-56.268836	
1.00000	3.600712	145.961940	-1.77E-14
2.62E-16	9.53E-15	-74.514078	

LOAD G-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.56E-14	-364.153755	
0.25000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.56E-14	-363.833163	
0.50000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.56E-14	-363.512571	
0.75000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.55E-14	-363.191978	
1.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.55E-14	-362.871386	

LOAD E-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014015	0.568113	-6.90E-17
1.02E-18	2.60E-18	-0.005967	
0.25000	0.014015	0.568113	-6.90E-17
1.02E-18	1.12E-17	-0.076981	
0.50000	0.014015	0.568113	-6.90E-17
1.02E-18	1.98E-17	-0.147995	
0.75000	0.014015	0.568113	-6.90E-17
1.02E-18	2.85E-17	-0.219010	
1.00000	0.014015	0.568113	-6.90E-17
1.02E-18	3.71E-17	-0.290024	

LOAD COL-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045539	1.846008	-2.24E-16
3.31E-18	8.45E-18	-0.019390	
0.25000	0.045539	1.846008	-2.24E-16
3.31E-18	3.65E-17	-0.250141	
0.50000	0.045539	1.846008	-2.24E-16
3.31E-18	6.45E-17	-0.480892	
0.75000	0.045539	1.846008	-2.24E-16
3.31E-18	9.25E-17	-0.711643	
1.00000	0.045539	1.846008	-2.24E-16
3.31E-18	1.21E-16	-0.942394	

COMB SVB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	2.12E-15
3.47E-15	3.64E-13	-2901.406	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	397.993296	-8.861912	4.16E-16
3.47E-15	3.64E-13	-2899.419	
0.50000	397.993296	5.200588	-1.29E-15
3.47E-15	3.64E-13	-2899.190	
0.75000	397.993296	19.263088	-2.99E-15
3.47E-15	3.64E-13	-2900.719	
1.00000	397.993296	33.325588	-4.69E-15
3.47E-15	3.64E-13	-2904.006	

COMB SVB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	2.12E-15
3.47E-15	3.64E-13	-2901.406	
0.25000	397.993296	-8.861912	4.16E-16
3.47E-15	3.64E-13	-2899.419	
0.50000	397.993296	5.200588	-1.29E-15
3.47E-15	3.64E-13	-2899.190	
0.75000	397.993296	19.263088	-2.99E-15
3.47E-15	3.64E-13	-2900.719	
1.00000	397.993296	33.325588	-4.69E-15
3.47E-15	3.64E-13	-2904.006	

COMB SVB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB SVB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB SVB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	3.259688
8.881358	1.216641	-2171.291	
0.25000	302.328660	-14.650369	3.934688
8.881358	0.766993	-2168.581	
0.50000	302.328660	-0.587869	4.609688
8.881358	0.232969	-2167.629	
0.75000	302.328660	13.474631	5.284688
8.881358	-0.385429	-2168.434	
1.00000	302.328660	27.537131	5.959688
8.881358	-1.088203	-2170.997	

COMB SVB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	3.259688
8.881358	1.216641	-2171.291	
0.25000	302.328660	-14.650369	3.934688
8.881358	0.766993	-2168.581	
0.50000	302.328660	-0.587869	4.609688
8.881358	0.232969	-2167.629	
0.75000	302.328660	13.474631	5.284688
8.881358	-0.385429	-2168.434	
1.00000	302.328660	27.537131	5.959688
8.881358	-1.088203	-2170.997	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	1.629844
4.440679	0.608320	-2901.406	
0.25000	397.993296	-8.861912	1.967344
4.440679	0.383496	-2899.419	
0.50000	397.993296	5.200588	2.304844
4.440679	0.116485	-2899.190	
0.75000	397.993296	19.263088	2.642344
4.440679	-0.192715	-2900.719	
1.00000	397.993296	33.325588	2.979844
4.440679	-0.544101	-2904.006	

COMB SVB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	1.629844
4.440679	0.608320	-2901.406	
0.25000	397.993296	-8.861912	1.967344
4.440679	0.383496	-2899.419	
0.50000	397.993296	5.200588	2.304844
4.440679	0.116485	-2899.190	
0.75000	397.993296	19.263088	2.642344
4.440679	-0.192715	-2900.719	
1.00000	397.993296	33.325588	2.979844
4.440679	-0.544101	-2904.006	

COMB SVB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	1.629844
4.440679	0.608320	-2171.291	
0.25000	302.328660	-14.650369	1.967344
4.440679	0.383496	-2168.581	
0.50000	302.328660	-0.587869	2.304844
4.440679	0.116485	-2167.629	
0.75000	302.328660	13.474631	2.642344
4.440679	-0.192715	-2168.434	
1.00000	302.328660	27.537131	2.979844
4.440679	-0.544101	-2170.997	

COMB SVB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	1.629844
4.440679	0.608320	-2171.291	
0.25000	302.328660	-14.650369	1.967344
4.440679	0.383496	-2168.581	
0.50000	302.328660	-0.587869	2.304844
4.440679	0.116485	-2167.629	
0.75000	302.328660	13.474631	2.642344
4.440679	-0.192715	-2168.434	
1.00000	302.328660	27.537131	2.979844
4.440679	-0.544101	-2170.997	

COMB SVB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	4.396531
34.554180	-207.874188	-2901.406	
0.25000	397.993296	-8.861912	4.396531
34.554180	-208.423754	-2899.419	
0.50000	397.993296	5.200588	4.396531
34.554180	-208.973321	-2899.190	
0.75000	397.993296	19.263088	4.396531
34.554180	-209.522887	-2900.719	
1.00000	397.993296	33.325588	4.396531
34.554180	-210.072454	-2904.006	

COMB SVB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	4.396531
34.554180	-207.874188	-2901.406	
0.25000	397.993296	-8.861912	4.396531
34.554180	-208.423754	-2899.419	
0.50000	397.993296	5.200588	4.396531
34.554180	-208.973321	-2899.190	
0.75000	397.993296	19.263088	4.396531
34.554180	-209.522887	-2900.719	
1.00000	397.993296	33.325588	4.396531
34.554180	-210.072454	-2904.006	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	2.12E-15
3.47E-15	3.64E-13	-2901.406	
0.25000	397.993296	-8.861912	4.16E-16
3.47E-15	3.64E-13	-2899.419	

0.50000	397.993296	5.200588	-1.29E-15
3.47E-15	3.64E-13	-2899.190	
0.75000	397.993296	19.263088	-2.99E-15
3.47E-15	3.64E-13	-2900.719	
1.00000	397.993296	33.325588	-4.69E-15
3.47E-15	3.64E-13	-2904.006	

COMB SVB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	2.12E-15
3.47E-15	3.64E-13	-2901.406	
0.25000	397.993296	-8.861912	4.16E-16
3.47E-15	3.64E-13	-2899.419	
0.50000	397.993296	5.200588	-1.29E-15
3.47E-15	3.64E-13	-2899.190	
0.75000	397.993296	19.263088	-2.99E-15
3.47E-15	3.64E-13	-2900.719	
1.00000	397.993296	33.325588	-4.69E-15
3.47E-15	3.64E-13	-2904.006	

COMB SVB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	4.396531
34.554180	-207.874188	-2171.291	
0.25000	302.328660	-14.650369	4.396531
34.554180	-208.423754	-2168.581	
0.50000	302.328660	-0.587869	4.396531
34.554180	-208.973321	-2167.629	
0.75000	302.328660	13.474631	4.396531
34.554180	-209.522887	-2168.434	
1.00000	302.328660	27.537131	4.396531
34.554180	-210.072454	-2170.997	

COMB SVB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	4.396531
34.554180	-207.874188	-2171.291	
0.25000	302.328660	-14.650369	4.396531
34.554180	-208.423754	-2168.581	
0.50000	302.328660	-0.587869	4.396531
34.554180	-208.973321	-2167.629	
0.75000	302.328660	13.474631	4.396531
34.554180	-209.522887	-2168.434	
1.00000	302.328660	27.537131	4.396531
34.554180	-210.072454	-2170.997	

COMB SVB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB SVB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	7.656219
43.435538	-206.657547	-2171.291	
0.25000	302.328660	-14.650369	8.331219
43.435538	-207.656762	-2168.581	
0.50000	302.328660	-0.587869	9.006219
43.435538	-208.740352	-2167.629	
0.75000	302.328660	13.474631	9.681219
43.435538	-209.908317	-2168.434	
1.00000	302.328660	27.537131	10.356219
43.435538	-211.160656	-2170.997	

COMB SVB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	7.656219
43.435538	-206.657547	-2171.291	
0.25000	302.328660	-14.650369	8.331219
43.435538	-207.656762	-2168.581	
0.50000	302.328660	-0.587869	9.006219
43.435538	-208.740352	-2167.629	
0.75000	302.328660	13.474631	9.681219
43.435538	-209.908317	-2168.434	
1.00000	302.328660	27.537131	10.356219
43.435538	-211.160656	-2170.997	

COMB SVB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	3.259688
8.881358	1.216641	-2171.291	
0.25000	302.328660	-14.650369	3.934688
8.881358	0.766993	-2168.581	
0.50000	302.328660	-0.587869	4.609688
8.881358	0.232969	-2167.629	
0.75000	302.328660	13.474631	5.284688
8.881358	-0.385429	-2168.434	
1.00000	302.328660	27.537131	5.959688
8.881358	-1.088203	-2170.997	

COMB SVB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	3.259688
8.881358	1.216641	-2171.291	
0.25000	302.328660	-14.650369	3.934688
8.881358	0.766993	-2168.581	
0.50000	302.328660	-0.587869	4.609688
8.881358	0.232969	-2167.629	
0.75000	302.328660	13.474631	5.284688
8.881358	-0.385429	-2168.434	
1.00000	302.328660	27.537131	5.959688
8.881358	-1.088203	-2170.997	

COMB SVB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	6.026375
38.994859	-207.265868	-2901.406	
0.25000	397.993296	-8.861912	6.363875
38.994859	-208.040258	-2899.419	
0.50000	397.993296	5.200588	6.701375
38.994859	-208.856836	-2899.190	
0.75000	397.993296	19.263088	7.038875
38.994859	-209.715602	-2900.719	
1.00000	397.993296	33.325588	7.376375
38.994859	-210.616555	-2904.006	

COMB SVB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	6.026375
38.994859	-207.265868	-2901.406	
0.25000	397.993296	-8.861912	6.363875
38.994859	-208.040258	-2899.419	
0.50000	397.993296	5.200588	6.701375
38.994859	-208.856836	-2899.190	
0.75000	397.993296	19.263088	7.038875
38.994859	-209.715602	-2900.719	
1.00000	397.993296	33.325588	7.376375
38.994859	-210.616555	-2904.006	

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COMB SVB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	1.629844
4.440679	0.608320	-2901.406	
0.25000	397.993296	-8.861912	1.967344
4.440679	0.383496	-2899.419	
0.50000	397.993296	5.200588	2.304844
4.440679	0.116485	-2899.190	
0.75000	397.993296	19.263088	2.642344
4.440679	-0.192715	-2900.719	
1.00000	397.993296	33.325588	2.979844
4.440679	-0.544101	-2904.006	

COMB SVB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	397.993296	-22.924412	1.629844
4.440679	0.608320	-2901.406	
0.25000	397.993296	-8.861912	1.967344
4.440679	0.383496	-2899.419	
0.50000	397.993296	5.200588	2.304844
4.440679	0.116485	-2899.190	
0.75000	397.993296	19.263088	2.642344
4.440679	-0.192715	-2900.719	
1.00000	397.993296	33.325588	2.979844
4.440679	-0.544101	-2904.006	

COMB SVB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	6.026375
38.994859	-207.265868	-2171.291	
0.25000	302.328660	-14.650369	6.363875
38.994859	-208.040258	-2168.581	
0.50000	302.328660	-0.587869	6.701375
38.994859	-208.856836	-2167.629	
0.75000	302.328660	13.474631	7.038875
38.994859	-209.715602	-2168.434	
1.00000	302.328660	27.537131	7.376375
38.994859	-210.616555	-2170.997	

COMB SVB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	6.026375
38.994859	-207.265868	-2171.291	
0.25000	302.328660	-14.650369	6.363875
38.994859	-208.040258	-2168.581	
0.50000	302.328660	-0.587869	6.701375
38.994859	-208.856836	-2167.629	
0.75000	302.328660	13.474631	7.038875
38.994859	-209.715602	-2168.434	
1.00000	302.328660	27.537131	7.376375
38.994859	-210.616555	-2170.997	

COMB SVB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	1.629844
4.440679	0.608320	-2171.291	
0.25000	302.328660	-14.650369	1.967344
4.440679	0.383496	-2168.581	
0.50000	302.328660	-0.587869	2.304844
4.440679	0.116485	-2167.629	
0.75000	302.328660	13.474631	2.642344
4.440679	-0.192715	-2168.434	
1.00000	302.328660	27.537131	2.979844
4.440679	-0.544101	-2170.997	

COMB SVB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	1.629844
4.440679	0.608320	-2171.291	
0.25000	302.328660	-14.650369	1.967344
4.440679	0.383496	-2168.581	
0.50000	302.328660	-0.587869	2.304844
4.440679	0.116485	-2167.629	
0.75000	302.328660	13.474631	2.642344
4.440679	-0.192715	-2168.434	
1.00000	302.328660	27.537131	2.979844
4.440679	-0.544101	-2170.997	

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COMB ULB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-24.881548	2.02E-15
5.22E-15	5.51E-13	-4392.425	
0.25000	598.706226	-6.600298	-1.90E-16
5.22E-15	5.50E-13	-4390.458	
0.50000	598.706226	11.680952	-2.40E-15
5.22E-15	5.51E-13	-4390.775	
0.75000	598.706226	29.962202	-4.62E-15
5.22E-15	5.51E-13	-4393.378	
1.00000	598.706226	48.243452	-6.83E-15
5.22E-15	5.52E-13	-4398.266	

COMB ULB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	-24.881548	2.02E-15
5.22E-15	5.51E-13	-4392.425	
0.25000	598.706226	-6.600298	-1.90E-16
5.22E-15	5.50E-13	-4390.458	
0.50000	598.706226	11.680952	-2.40E-15
5.22E-15	5.51E-13	-4390.775	
0.75000	598.706226	29.962202	-4.62E-15
5.22E-15	5.51E-13	-4393.378	
1.00000	598.706226	48.243452	-6.83E-15
5.22E-15	5.52E-13	-4398.266	

COMB ULB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	
0.25000	393.027257	-19.045479	1.66E-15
3.41E-15	3.54E-13	-2819.155	
0.50000	393.027257	-0.764229	-5.54E-16
3.41E-15	3.53E-13	-2817.917	
0.75000	393.027257	17.517021	-2.77E-15
3.41E-15	3.54E-13	-2818.964	
1.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	

COMB ULB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	
0.25000	393.027257	-19.045479	1.66E-15
3.41E-15	3.54E-13	-2819.155	
0.50000	393.027257	-0.764229	-5.54E-16
3.41E-15	3.53E-13	-2817.917	
0.75000	393.027257	17.517021	-2.77E-15
3.41E-15	3.54E-13	-2818.964	
1.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	

COMB ULB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	4.237594
11.545765	1.581633	-2822.678	
0.25000	393.027257	-19.045479	5.115094
11.545765	0.997090	-2819.155	
0.50000	393.027257	-0.764229	5.992594
11.545765	0.302860	-2817.917	
0.75000	393.027257	17.517021	6.870094
11.545765	-0.501058	-2818.964	
1.00000	393.027257	35.798271	7.747594
11.545765	-1.414664	-2822.296	

COMB ULB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	4.237594
11.545765	1.581633	-2822.678	
0.25000	393.027257	-19.045479	5.115094
11.545765	0.997090	-2819.155	
0.50000	393.027257	-0.764229	5.992594
11.545765	0.302860	-2817.917	
0.75000	393.027257	17.517021	6.870094
11.545765	-0.501058	-2818.964	
1.00000	393.027257	35.798271	7.747594
11.545765	-1.414664	-2822.296	

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COMB ULB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-29.801736	2.118797
5.772883	0.790817	-3771.828	
0.25000	517.391285	-11.520486	2.557547
5.772883	0.498545	-3769.245	
0.50000	517.391285	6.760764	2.996297
5.772883	0.151430	-3768.948	
0.75000	517.391285	25.042014	3.435047
5.772883	-0.250529	-3770.935	
1.00000	517.391285	43.323264	3.873797
5.772883	-0.707332	-3775.208	

COMB ULB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-29.801736	2.118797
5.772883	0.790817	-3771.828	
0.25000	517.391285	-11.520486	2.557547
5.772883	0.498545	-3769.245	
0.50000	517.391285	6.760764	2.996297
5.772883	0.151430	-3768.948	
0.75000	517.391285	25.042014	3.435047
5.772883	-0.250529	-3770.935	
1.00000	517.391285	43.323264	3.873797
5.772883	-0.707332	-3775.208	

COMB ULB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	2.118797
5.772883	0.790817	-2822.678	
0.25000	393.027257	-19.045479	2.557547
5.772883	0.498545	-2819.155	
0.50000	393.027257	-0.764229	2.996297
5.772883	0.151430	-2817.917	
0.75000	393.027257	17.517021	3.435047
5.772883	-0.250529	-2818.964	
1.00000	393.027257	35.798271	3.873797
5.772883	-0.707332	-2822.296	

COMB ULB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	2.118797
5.772883	0.790817	-2822.678	
0.25000	393.027257	-19.045479	2.557547
5.772883	0.498545	-2819.155	
0.50000	393.027257	-0.764229	2.996297
5.772883	0.151430	-2817.917	
0.75000	393.027257	17.517021	3.435047
5.772883	-0.250529	-2818.964	
1.00000	393.027257	35.798271	3.873797
5.772883	-0.707332	-2822.296	

COMB ULB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-29.801736	5.715491
44.920434	-270.236444	-3771.828	
0.25000	517.391285	-11.520486	5.715491
44.920434	-270.950881	-3769.245	
0.50000	517.391285	6.760764	5.715491
44.920434	-271.665317	-3768.948	
0.75000	517.391285	25.042014	5.715491
44.920434	-272.379753	-3770.935	
1.00000	517.391285	43.323264	5.715491
44.920434	-273.094190	-3775.208	

COMB ULB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-29.801736	5.715491
44.920434	-270.236444	-3771.828	
0.25000	517.391285	-11.520486	5.715491
44.920434	-270.950881	-3769.245	
0.50000	517.391285	6.760764	5.715491
44.920434	-271.665317	-3768.948	
0.75000	517.391285	25.042014	5.715491
44.920434	-272.379753	-3770.935	
1.00000	517.391285	43.323264	5.715491
44.920434	-273.094190	-3775.208	

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COMB ULB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	
0.25000	517.391285	-11.520486	5.41E-16
4.51E-15	4.73E-13	-3769.245	
0.50000	517.391285	6.760764	-1.67E-15
4.51E-15	4.73E-13	-3768.948	
0.75000	517.391285	25.042014	-3.89E-15
4.51E-15	4.73E-13	-3770.935	
1.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	

COMB ULB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	
0.25000	517.391285	-11.520486	5.41E-16
4.51E-15	4.73E-13	-3769.245	
0.50000	517.391285	6.760764	-1.67E-15
4.51E-15	4.73E-13	-3768.948	
0.75000	517.391285	25.042014	-3.89E-15
4.51E-15	4.73E-13	-3770.935	
1.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	

COMB ULB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	5.715491
44.920434	-270.236444	-2822.678	
0.25000	393.027257	-19.045479	5.715491
44.920434	-270.950881	-2819.155	
0.50000	393.027257	-0.764229	5.715491
44.920434	-271.665317	-2817.917	
0.75000	393.027257	17.517021	5.715491
44.920434	-272.379753	-2818.964	
1.00000	393.027257	35.798271	5.715491
44.920434	-273.094190	-2822.296	

COMB ULB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	5.715491
44.920434	-270.236444	-2822.678	
0.25000	393.027257	-19.045479	5.715491
44.920434	-270.950881	-2819.155	
0.50000	393.027257	-0.764229	5.715491
44.920434	-271.665317	-2817.917	
0.75000	393.027257	17.517021	5.715491
44.920434	-272.379753	-2818.964	
1.00000	393.027257	35.798271	5.715491
44.920434	-273.094190	-2822.296	

COMB ULB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	
0.25000	393.027257	-19.045479	1.66E-15
3.41E-15	3.54E-13	-2819.155	
0.50000	393.027257	-0.764229	-5.54E-16
3.41E-15	3.53E-13	-2817.917	
0.75000	393.027257	17.517021	-2.77E-15
3.41E-15	3.54E-13	-2818.964	
1.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	

COMB ULB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	-37.326729	3.87E-15
3.41E-15	3.54E-13	-2822.678	
0.25000	393.027257	-19.045479	1.66E-15
3.41E-15	3.54E-13	-2819.155	
0.50000	393.027257	-0.764229	-5.54E-16
3.41E-15	3.53E-13	-2817.917	
0.75000	393.027257	17.517021	-2.77E-15
3.41E-15	3.54E-13	-2818.964	
1.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	

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COMB ULB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	-35.891086	9.570273
54.294422	-258.321934	-2714.114	
0.25000	377.910824	-18.312961	10.414023
54.294422	-259.570952	-2710.726	
0.50000	377.910824	-0.734836	11.257773
54.294422	-260.925440	-2709.536	
0.75000	377.910824	16.843289	12.101523
54.294422	-262.385396	-2710.542	
1.00000	377.910824	34.421414	12.945273
54.294422	-263.950821	-2713.747	

COMB ULB10 ---------- MIN

REL DIST	P	V2	V3

T	M2	M3	
0.00000	377.910824	-35.891086	9.570273
54.294422	-258.321934	-2714.114	
0.25000	377.910824	-18.312961	10.414023
54.294422	-259.570952	-2710.726	
0.50000	377.910824	-0.734836	11.257773
54.294422	-260.925440	-2709.536	
0.75000	377.910824	16.843289	12.101523
54.294422	-262.385396	-2710.542	
1.00000	377.910824	34.421414	12.945273
54.294422	-263.950821	-2713.747	

COMB ULB11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-35.891086	4.074610
11.101697	1.520801	-2714.114	
0.25000	377.910824	-18.312961	4.918360
11.101697	0.958741	-2710.726	
0.50000	377.910824	-0.734836	5.762110
11.101697	0.291211	-2709.536	
0.75000	377.910824	16.843289	6.605860
11.101697	-0.481787	-2710.542	
1.00000	377.910824	34.421414	7.449610
11.101697	-1.360254	-2713.747	

COMB ULB11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-35.891086	4.074610
11.101697	1.520801	-2714.114	
0.25000	377.910824	-18.312961	4.918360
11.101697	0.958741	-2710.726	
0.50000	377.910824	0.734836	5.762110
11.101697	0.291211	-2709.536	
0.75000	377.910824	16.843289	6.605860
11.101697	-0.481787	-2710.542	
1.00000	377.910824	34.421414	7.449610
11.101697	-1.360254	-2713.747	

COMB ULB12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-28.655515	7.532969
48.743573	-259.082334	-3626.757	
0.25000	497.491620	-11.077390	7.954844
48.743573	-260.050323	-3624.274	
0.50000	497.491620	6.500735	8.376719
48.743573	-261.071045	-3623.988	
0.75000	497.491620	24.078860	8.798594
48.743573	-262.144502	-3625.899	
1.00000	497.491620	41.656985	9.220469
48.743573	-263.270694	-3630.008	

COMB ULB12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-28.655515	7.532969
48.743573	-259.082334	-3626.757	
0.25000	497.491620	-11.077390	7.954844
48.743573	-260.050323	-3624.274	
0.50000	497.491620	6.500735	8.376719
48.743573	-261.071045	-3623.988	
0.75000	497.491620	24.078860	8.798594
48.743573	-262.144502	-3625.899	
1.00000	497.491620	41.656985	9.220469
48.743573	-263.270694	-3630.008	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-28.655515	2.037305
5.550849	0.760401	-3626.757	
0.25000	497.491620	-11.077390	2.459180
5.550849	0.479370	-3624.274	
0.50000	497.491620	6.500735	2.881055
5.550849	0.145606	-3623.988	
0.75000	497.491620	24.078860	3.302930
5.550849	-0.240893	-3625.899	
1.00000	497.491620	41.656985	3.724805
5.550849	-0.680127	-3630.008	

COMB ULB13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	497.491620	-28.655515	2.037305
5.550849	0.760401	-3626.757	
0.25000	497.491620	-11.077390	2.459180
5.550849	0.479370	-3624.274	
0.50000	497.491620	6.500735	2.881055
5.550849	0.145606	-3623.988	
0.75000	497.491620	24.078860	3.302930
5.550849	-0.240893	-3625.899	
1.00000	497.491620	41.656985	3.724805
5.550849	-0.680127	-3630.008	

COMB ULB14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-35.891086	7.532969
48.743573	-259.082334	-2714.114	
0.25000	377.910824	-18.312961	7.954844
48.743573	-260.050323	-2710.726	
0.50000	377.910824	-0.734836	8.376719
48.743573	-261.071045	-2709.536	
0.75000	377.910824	16.843289	8.798594
48.743573	-262.144502	-2710.542	
1.00000	377.910824	34.421414	9.220469
48.743573	-263.270694	-2713.747	

COMB ULB14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-35.891086	7.532969
48.743573	-259.082334	-2714.114	
0.25000	377.910824	-18.312961	7.954844
48.743573	-260.050323	-2710.726	
0.50000	377.910824	-0.734836	8.376719
48.743573	-261.071045	-2709.536	
0.75000	377.910824	16.843289	8.798594
48.743573	-262.144502	-2710.542	
1.00000	377.910824	34.421414	9.220469
48.743573	-263.270694	-2713.747	

COMB ULB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-35.891086	2.037305
5.550849	0.760401	-2714.114	
0.25000	377.910824	-18.312961	2.459180
5.550849	0.479370	-2710.726	
0.50000	377.910824	-0.734836	2.881055
5.550849	0.145606	-2709.536	
0.75000	377.910824	16.843289	3.302930
5.550849	-0.240893	-2710.542	
1.00000	377.910824	34.421414	3.724805
5.550849	-0.680127	-2713.747	

COMB ULB15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	377.910824	-35.891086	2.037305
5.550849	0.760401	-2714.114	
0.25000	377.910824	-18.312961	2.459180
5.550849	0.479370	-2710.726	
0.50000	377.910824	-0.734836	2.881055
5.550849	0.145606	-2709.536	
0.75000	377.910824	16.843289	3.302930
5.550849	-0.240893	-2710.542	
1.00000	377.910824	34.421414	3.724805
5.550849	-0.680127	-2713.747	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB16 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB ULB16 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB ULB17 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	
0.25000	517.391285	-11.520486	5.41E-16
4.51E-15	4.73E-13	-3769.245	
0.50000	517.391285	6.760764	-1.67E-15
4.51E-15	4.73E-13	-3768.948	
0.75000	517.391285	25.042014	-3.89E-15
4.51E-15	4.73E-13	-3770.935	
1.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	

COMB ULB17 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	-29.801736	2.76E-15
4.51E-15	4.73E-13	-3771.828	
0.25000	517.391285	-11.520486	5.41E-16
4.51E-15	4.73E-13	-3769.245	
0.50000	517.391285	6.760764	-1.67E-15
4.51E-15	4.73E-13	-3768.948	
0.75000	517.391285	25.042014	-3.89E-15
4.51E-15	4.73E-13	-3770.935	
1.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	

COMB ULB18 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	362.794391	-34.455442	3.911625
10.657629	1.459969	-2605.549	
0.25000	362.794391	-17.580442	4.721625
10.657629	0.920391	-2602.297	
0.50000	362.794391	-0.705442	5.531625
10.657629	0.279563	-2601.154	
0.75000	362.794391	16.169558	6.341625
10.657629	-0.462515	-2602.121	
1.00000	362.794391	33.044558	7.151625
10.657629	-1.305843	-2605.197	

COMB ULB18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	362.794391	-34.455442	3.911625
10.657629	1.459969	-2605.549	
0.25000	362.794391	-17.580442	4.721625
10.657629	0.920391	-2602.297	
0.50000	362.794391	-0.705442	5.531625
10.657629	0.279563	-2601.154	
0.75000	362.794391	16.169558	6.341625
10.657629	-0.462515	-2602.121	
1.00000	362.794391	33.044558	7.151625
10.657629	-1.305843	-2605.197	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.007629	-16.267687	1.13E-15
4.43E-15	4.69E-13	-3741.038	
0.25000	508.007629	-2.205187	-5.73E-16
4.43E-15	4.69E-13	-3739.883	
0.50000	508.007629	11.857313	-2.28E-15
4.43E-15	4.69E-13	-3740.487	
0.75000	508.007629	25.919813	-3.98E-15
4.43E-15	4.69E-13	-3742.848	
1.00000	508.007629	39.982313	-5.68E-15
4.43E-15	4.70E-13	-3746.967	

COMB UEB01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	508.007629	-16.267687	1.13E-15
4.43E-15	4.69E-13	-3741.038	
0.25000	508.007629	-2.205187	-5.73E-16
4.43E-15	4.69E-13	-3739.883	
0.50000	508.007629	11.857313	-2.28E-15
4.43E-15	4.69E-13	-3740.487	
0.75000	508.007629	25.919813	-3.98E-15
4.43E-15	4.69E-13	-3742.848	
1.00000	508.007629	39.982313	-5.68E-15
4.43E-15	4.70E-13	-3746.967	

COMB UEB02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB UEB02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB UEB03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	4.237594
11.545765	1.581633	-2171.291	
0.25000	302.328660	-14.650369	5.115094
11.545765	0.997090	-2168.581	
0.50000	302.328660	-0.587869	5.992594
11.545765	0.302860	-2167.629	
0.75000	302.328660	13.474631	6.870094
11.545765	-0.501058	-2168.434	
1.00000	302.328660	27.537131	7.747594
11.545765	-1.414664	-2170.997	

COMB UEB03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	4.237594
11.545765	1.581633	-2171.291	
0.25000	302.328660	-14.650369	5.115094
11.545765	0.997090	-2168.581	
0.50000	302.328660	-0.587869	5.992594
11.545765	0.302860	-2167.629	
0.75000	302.328660	13.474631	6.870094
11.545765	-0.501058	-2168.434	
1.00000	302.328660	27.537131	7.747594
11.545765	-1.414664	-2170.997	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-21.187875	2.118797
5.772883	0.790817	-3120.440	
0.25000	426.692687	-7.125375	2.557547
5.772883	0.498545	-3118.671	
0.50000	426.692687	6.937125	2.996297
5.772883	0.151430	-3118.659	
0.75000	426.692687	20.999625	3.435047
5.772883	-0.250529	-3120.405	
1.00000	426.692687	35.062125	3.873797
5.772883	-0.707332	-3123.909	

COMB UEB04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-21.187875	2.118797
5.772883	0.790817	-3120.440	
0.25000	426.692687	-7.125375	2.557547
5.772883	0.498545	-3118.671	
0.50000	426.692687	6.937125	2.996297
5.772883	0.151430	-3118.659	
0.75000	426.692687	20.999625	3.435047
5.772883	-0.250529	-3120.405	
1.00000	426.692687	35.062125	3.873797
5.772883	-0.707332	-3123.909	

COMB UEB05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.118797
5.772883	0.790817	-2171.291	
0.25000	302.328660	-14.650369	2.557547
5.772883	0.498545	-2168.581	
0.50000	302.328660	-0.587869	2.996297
5.772883	0.151430	-2167.629	
0.75000	302.328660	13.474631	3.435047
5.772883	-0.250529	-2168.434	
1.00000	302.328660	27.537131	3.873797
5.772883	-0.707332	-2170.997	

COMB UEB05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.118797
5.772883	0.790817	-2171.291	
0.25000	302.328660	-14.650369	2.557547
5.772883	0.498545	-2168.581	
0.50000	302.328660	-0.587869	2.996297
5.772883	0.151430	-2167.629	
0.75000	302.328660	13.474631	3.435047
5.772883	-0.250529	-2168.434	
1.00000	302.328660	27.537131	3.873797
5.772883	-0.707332	-2170.997	

COMB UEB06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-21.187875	5.715491
44.920434	-270.236444	-3120.440	
0.25000	426.692687	-7.125375	5.715491
44.920434	-270.950881	-3118.671	
0.50000	426.692687	6.937125	5.715491
44.920434	-271.665317	-3118.659	
0.75000	426.692687	20.999625	5.715491
44.920434	-272.379753	-3120.405	
1.00000	426.692687	35.062125	5.715491
44.920434	-273.094190	-3123.909	

COMB UEB06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-21.187875	5.715491
44.920434	-270.236444	-3120.440	
0.25000	426.692687	-7.125375	5.715491
44.920434	-270.950881	-3118.671	
0.50000	426.692687	6.937125	5.715491
44.920434	-271.665317	-3118.659	
0.75000	426.692687	20.999625	5.715491
44.920434	-272.379753	-3120.405	
1.00000	426.692687	35.062125	5.715491
44.920434	-273.094190	-3123.909	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	
0.25000	426.692687	-7.125375	1.58E-16
3.72E-15	3.91E-13	-3118.671	
0.50000	426.692687	6.937125	-1.54E-15
3.72E-15	3.91E-13	-3118.659	
0.75000	426.692687	20.999625	-3.25E-15
3.72E-15	3.91E-13	-3120.405	
1.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	

COMB UEB07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	
0.25000	426.692687	-7.125375	1.58E-16
3.72E-15	3.91E-13	-3118.671	
0.50000	426.692687	6.937125	-1.54E-15
3.72E-15	3.91E-13	-3118.659	
0.75000	426.692687	20.999625	-3.25E-15
3.72E-15	3.91E-13	-3120.405	
1.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	

COMB UEB08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	5.715491
44.920434	-270.236444	-2171.291	
0.25000	302.328660	-14.650369	5.715491
44.920434	-270.950881	-2168.581	
0.50000	302.328660	-0.587869	5.715491
44.920434	-271.665317	-2167.629	
0.75000	302.328660	13.474631	5.715491
44.920434	-272.379753	-2168.434	
1.00000	302.328660	27.537131	5.715491
44.920434	-273.094190	-2170.997	

COMB UEB08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	5.715491
44.920434	-270.236444	-2171.291	
0.25000	302.328660	-14.650369	5.715491
44.920434	-270.950881	-2168.581	
0.50000	302.328660	-0.587869	5.715491
44.920434	-271.665317	-2167.629	
0.75000	302.328660	13.474631	5.715491
44.920434	-272.379753	-2168.434	
1.00000	302.328660	27.537131	5.715491
44.920434	-273.094190	-2170.997	

COMB UEB09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB UEB09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-27.277225	9.570273
54.294422	-258.321934	-2062.727	
0.25000	287.212227	-13.917850	10.414023
54.294422	-259.570952	-2060.152	
0.50000	287.212227	-0.558475	11.257773
54.294422	-260.925440	-2059.247	
0.75000	287.212227	12.800900	12.101523
54.294422	-262.385396	-2060.012	
1.00000	287.212227	26.160275	12.945273
54.294422	-263.950821	-2062.447	

COMB UEB10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	287.212227	-27.277225	9.570273
54.294422	-258.321934	-2062.727	
0.25000	287.212227	-13.917850	10.414023
54.294422	-259.570952	-2060.152	
0.50000	287.212227	-0.558475	11.257773
54.294422	-260.925440	-2059.247	
0.75000	287.212227	12.800900	12.101523
54.294422	-262.385396	-2060.012	
1.00000	287.212227	26.160275	12.945273

54.294422 -263.950821 -2062.447

COMB UEB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-27.277225	4.074610
11.101697	1.520801	-2062.727	
0.25000	287.212227	-13.917850	4.918360
11.101697	0.958741	-2060.152	
0.50000	287.212227	-0.558475	5.762110
11.101697	0.291211	-2059.247	
0.75000	287.212227	12.800900	6.605860
11.101697	-0.481787	-2060.012	
1.00000	287.212227	26.160275	7.449610
11.101697	-1.360254	-2062.447	

COMB UEB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-27.277225	4.074610
11.101697	1.520801	-2062.727	
0.25000	287.212227	-13.917850	4.918360
11.101697	0.958741	-2060.152	
0.50000	287.212227	-0.558475	5.762110
11.101697	0.291211	-2059.247	
0.75000	287.212227	12.800900	6.605860
11.101697	-0.481787	-2060.012	
1.00000	287.212227	26.160275	7.449610
11.101697	-1.360254	-2062.447	

COMB UEB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-20.041655	7.532969
48.743573	-259.082334	-2975.370	
0.25000	406.793023	-6.682280	7.954844
48.743573	-260.050323	-2973.700	
0.50000	406.793023	6.677095	8.376719
48.743573	-261.071045	-2973.700	
0.75000	406.793023	20.036470	8.798594
48.743573	-262.144502	-2975.369	
1.00000	406.793023	33.395845	9.220469
48.743573	-263.270694	-2978.709	

COMB UEB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-20.041655	7.532969
48.743573	-259.082334	-2975.370	
0.25000	406.793023	-6.682280	7.954844
48.743573	-260.050323	-2973.700	
0.50000	406.793023	6.677095	8.376719
48.743573	-261.071045	-2973.700	
0.75000	406.793023	20.036470	8.798594
48.743573	-262.144502	-2975.369	
1.00000	406.793023	33.395845	9.220469
48.743573	-263.270694	-2978.709	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-20.041655	2.037305
5.550849	0.760401	-2975.370	
0.25000	406.793023	-6.682280	2.459180
5.550849	0.479370	-2973.700	
0.50000	406.793023	6.677095	2.881055
5.550849	0.145606	-2973.700	
0.75000	406.793023	20.036470	3.302930
5.550849	-0.240893	-2975.369	
1.00000	406.793023	33.395845	3.724805
5.550849	-0.680127	-2978.709	

COMB UEB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	-20.041655	2.037305
5.550849	0.760401	-2975.370	
0.25000	406.793023	-6.682280	2.459180
5.550849	0.479370	-2973.700	
0.50000	406.793023	6.677095	2.881055
5.550849	0.145606	-2973.700	
0.75000	406.793023	20.036470	3.302930
5.550849	-0.240893	-2975.369	
1.00000	406.793023	33.395845	3.724805
5.550849	-0.680127	-2978.709	

COMB UEB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-27.277225	7.532969
48.743573	-259.082334	-2062.727	
0.25000	287.212227	-13.917850	7.954844
48.743573	-260.050323	-2060.152	
0.50000	287.212227	-0.558475	8.376719
48.743573	-261.071045	-2059.247	
0.75000	287.212227	12.800900	8.798594
48.743573	-262.144502	-2060.012	
1.00000	287.212227	26.160275	9.220469
48.743573	-263.270694	-2062.447	

COMB UEB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-27.277225	7.532969
48.743573	-259.082334	-2062.727	
0.25000	287.212227	-13.917850	7.954844
48.743573	-260.050323	-2060.152	
0.50000	287.212227	-0.558475	8.376719
48.743573	-261.071045	-2059.247	
0.75000	287.212227	12.800900	8.798594
48.743573	-262.144502	-2060.012	
1.00000	287.212227	26.160275	9.220469
48.743573	-263.270694	-2062.447	

COMB UEB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-27.277225	2.037305
5.550849	0.760401	-2062.727	
0.25000	287.212227	-13.917850	2.459180
5.550849	0.479370	-2060.152	
0.50000	287.212227	-0.558475	2.881055
5.550849	0.145606	-2059.247	
0.75000	287.212227	12.800900	3.302930
5.550849	-0.240893	-2060.012	
1.00000	287.212227	26.160275	3.724805
5.550849	-0.680127	-2062.447	

COMB UEB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	-27.277225	2.037305
5.550849	0.760401	-2062.727	
0.25000	287.212227	-13.917850	2.459180
5.550849	0.479370	-2060.152	
0.50000	287.212227	-0.558475	2.881055
5.550849	0.145606	-2059.247	
0.75000	287.212227	12.800900	3.302930
5.550849	-0.240893	-2060.012	
1.00000	287.212227	26.160275	3.724805
5.550849	-0.680127	-2062.447	

COMB UEB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB UEB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	-28.712869	2.98E-15
2.63E-15	2.72E-13	-2171.291	
0.25000	302.328660	-14.650369	1.28E-15
2.63E-15	2.72E-13	-2168.581	
0.50000	302.328660	-0.587869	-4.26E-16
2.63E-15	2.72E-13	-2167.629	
0.75000	302.328660	13.474631	-2.13E-15
2.63E-15	2.72E-13	-2168.434	
1.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	

COMB UEB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	
0.25000	426.692687	-7.125375	1.58E-16
3.72E-15	3.91E-13	-3118.671	
0.50000	426.692687	6.937125	-1.54E-15
3.72E-15	3.91E-13	-3118.659	
0.75000	426.692687	20.999625	-3.25E-15
3.72E-15	3.91E-13	-3120.405	
1.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	

COMB UEB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	-21.187875	1.86E-15
3.72E-15	3.91E-13	-3120.440	
0.25000	426.692687	-7.125375	1.58E-16
3.72E-15	3.91E-13	-3118.671	
0.50000	426.692687	6.937125	-1.54E-15
3.72E-15	3.91E-13	-3118.659	
0.75000	426.692687	20.999625	-3.25E-15
3.72E-15	3.91E-13	-3120.405	
1.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	

COMB UEB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	272.095794	-25.841582	3.911625
10.657629	1.459969	-1954.162	
0.25000	272.095794	-13.185332	4.721625
10.657629	0.920391	-1951.723	
0.50000	272.095794	-0.529082	5.531625
10.657629	0.279563	-1950.866	
0.75000	272.095794	12.127168	6.341625
10.657629	-0.462515	-1951.591	
1.00000	272.095794	24.783418	7.151625
10.657629	-1.305843	-1953.897	

COMB UEB18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	272.095794	-25.841582	3.911625
10.657629	1.459969	-1954.162	
0.25000	272.095794	-13.185332	4.721625
10.657629	0.920391	-1951.723	
0.50000	272.095794	-0.529082	5.531625
10.657629	0.279563	-1950.866	
0.75000	272.095794	12.127168	6.341625
10.657629	-0.462515	-1951.591	
1.00000	272.095794	24.783418	7.151625
10.657629	-1.305843	-1953.897	

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COMB SVO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	
0.25000	398.007311	-8.293799	3.47E-16
3.47E-15	3.64E-13	-2899.496	
0.50000	398.007311	5.768701	-1.36E-15
3.47E-15	3.64E-13	-2899.338	
0.75000	398.007311	19.831201	-3.06E-15
3.47E-15	3.64E-13	-2900.938	
1.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	

COMB SVO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	
0.25000	398.007311	-8.293799	3.47E-16
3.47E-15	3.64E-13	-2899.496	
0.50000	398.007311	5.768701	-1.36E-15
3.47E-15	3.64E-13	-2899.338	
0.75000	398.007311	19.831201	-3.06E-15
3.47E-15	3.64E-13	-2900.938	
1.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	

COMB SVO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	
0.25000	302.342674	-14.082255	1.21E-15
2.63E-15	2.72E-13	-2168.658	
0.50000	302.342674	-0.019755	-4.95E-16
2.63E-15	2.72E-13	-2167.777	
0.75000	302.342674	14.042745	-2.20E-15
2.63E-15	2.72E-13	-2168.653	
1.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	

COMB SVO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	
0.25000	302.342674	-14.082255	1.21E-15
2.63E-15	2.72E-13	-2168.658	
0.50000	302.342674	-0.019755	-4.95E-16
2.63E-15	2.72E-13	-2167.777	
0.75000	302.342674	14.042745	-2.20E-15
2.63E-15	2.72E-13	-2168.653	
1.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	

COMB SVO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	
0.25000	316.712455	1073.231	-1.31E-13
4.58E-15	2.94E-13	-2321.378	
0.50000	316.712455	1087.294	-1.33E-13
4.58E-15	3.11E-13	-2456.411	
0.75000	316.712455	1101.356	-1.34E-13
4.58E-15	3.27E-13	-2593.202	
1.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	

COMB SVO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	
0.25000	316.712455	1073.231	-1.31E-13
4.58E-15	2.94E-13	-2321.378	
0.50000	316.712455	1087.294	-1.33E-13
4.58E-15	3.11E-13	-2456.411	
0.75000	316.712455	1101.356	-1.34E-13
4.58E-15	3.27E-13	-2593.202	
1.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	667.262517	-8.17E-14
4.71E-15	3.67E-13	-2911.348	
0.25000	408.792913	681.325017	-8.34E-14
4.71E-15	3.78E-13	-2995.635	
0.50000	408.792913	695.387517	-8.51E-14
4.71E-15	3.88E-13	-3081.679	
0.75000	408.792913	709.450017	-8.68E-14
4.71E-15	3.99E-13	-3169.482	
1.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	

COMB SVO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	667.262517	-8.17E-14
4.71E-15	3.67E-13	-2911.348	
0.25000	408.792913	681.325017	-8.34E-14
4.71E-15	3.78E-13	-2995.635	
0.50000	408.792913	695.387517	-8.51E-14
4.71E-15	3.88E-13	-3081.679	
0.75000	408.792913	709.450017	-8.68E-14
4.71E-15	3.99E-13	-3169.482	
1.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	

COMB SVO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	661.474060	-8.08E-14
3.87E-15	2.76E-13	-2181.233	
0.25000	313.128276	675.536560	-8.25E-14
3.87E-15	2.86E-13	-2264.796	
0.50000	313.128276	689.599060	-8.42E-14
3.87E-15	2.96E-13	-2350.117	
0.75000	313.128276	703.661560	-8.60E-14
3.87E-15	3.07E-13	-2437.196	
1.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	

COMB SVO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	661.474060	-8.08E-14
3.87E-15	2.76E-13	-2181.233	
0.25000	313.128276	675.536560	-8.25E-14
3.87E-15	2.86E-13	-2264.796	
0.50000	313.128276	689.599060	-8.42E-14
3.87E-15	2.96E-13	-2350.117	
0.75000	313.128276	703.661560	-8.60E-14
3.87E-15	3.07E-13	-2437.196	
1.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	

COMB SVO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	330.618468	-24.921037	2.28E-15
3.88E-15	4.09E-13	-3265.566	
0.25000	330.618468	-10.858537	5.80E-16
3.88E-15	4.09E-13	-3263.329	
0.50000	330.618468	3.203963	-1.12E-15
3.88E-15	4.09E-13	-3262.851	
0.75000	330.618468	17.266463	-2.83E-15
3.88E-15	4.09E-13	-3264.130	
1.00000	330.618468	31.328963	-4.53E-15
3.88E-15	4.10E-13	-3267.168	

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COMB SVO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	
0.25000	398.007311	-8.293799	3.47E-16
3.47E-15	3.64E-13	-2899.496	
0.50000	398.007311	5.768701	-1.36E-15
3.47E-15	3.64E-13	-2899.338	
0.75000	398.007311	19.831201	-3.06E-15
3.47E-15	3.64E-13	-2900.938	
1.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	

COMB SVO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	-22.356299	2.05E-15
3.47E-15	3.64E-13	-2901.412	
0.25000	398.007311	-8.293799	3.47E-16
3.47E-15	3.64E-13	-2899.496	
0.50000	398.007311	5.768701	-1.36E-15
3.47E-15	3.64E-13	-2899.338	
0.75000	398.007311	19.831201	-3.06E-15
3.47E-15	3.64E-13	-2900.938	
1.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	

COMB SVO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	-30.709494	3.14E-15
3.04E-15	3.18E-13	-2535.451	
0.25000	234.953831	-16.646994	1.44E-15
3.04E-15	3.18E-13	-2532.491	
0.50000	234.953831	-2.584494	-2.62E-16
3.04E-15	3.17E-13	-2531.289	
0.75000	234.953831	11.478006	-1.97E-15
3.04E-15	3.18E-13	-2531.845	
1.00000	234.953831	25.540506	-3.67E-15
3.04E-15	3.18E-13	-2534.159	

COMB SVO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	-30.709494	3.14E-15
3.04E-15	3.18E-13	-2535.451	
0.25000	234.953831	-16.646994	1.44E-15
3.04E-15	3.18E-13	-2532.491	
0.50000	234.953831	-2.584494	-2.62E-16
3.04E-15	3.17E-13	-2531.289	
0.75000	234.953831	11.478006	-1.97E-15
3.04E-15	3.18E-13	-2531.845	
1.00000	234.953831	25.540506	-3.67E-15
3.04E-15	3.18E-13	-2534.159	

COMB SVO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	
0.25000	302.342674	-14.082255	1.21E-15
2.63E-15	2.72E-13	-2168.658	
0.50000	302.342674	-0.019755	-4.95E-16
2.63E-15	2.72E-13	-2167.777	
0.75000	302.342674	14.042745	-2.20E-15
2.63E-15	2.72E-13	-2168.653	
1.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	

COMB SVO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	
0.25000	302.342674	-14.082255	1.21E-15
2.63E-15	2.72E-13	-2168.658	
0.50000	302.342674	-0.019755	-4.95E-16
2.63E-15	2.72E-13	-2167.777	
0.75000	302.342674	14.042745	-2.20E-15
2.63E-15	2.72E-13	-2168.653	
1.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	

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COMB SVO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	1056.604	-1.29E-13
4.99E-15	3.23E-13	-2552.257	
0.25000	249.323611	1070.667	-1.31E-13
4.99E-15	3.40E-13	-2685.211	
0.50000	249.323611	1084.729	-1.32E-13
4.99E-15	3.56E-13	-2819.924	
0.75000	249.323611	1098.792	-1.34E-13
4.99E-15	3.73E-13	-2956.394	
1.00000	249.323611	1112.854	-1.36E-13
4.99E-15	3.90E-13	-3094.622	

COMB SVO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	1056.604	-1.29E-13
4.99E-15	3.23E-13	-2552.257	
0.25000	249.323611	1070.667	-1.31E-13
4.99E-15	3.40E-13	-2685.211	
0.50000	249.323611	1084.729	-1.32E-13
4.99E-15	3.56E-13	-2819.924	
0.75000	249.323611	1098.792	-1.34E-13
4.99E-15	3.73E-13	-2956.394	
1.00000	249.323611	1112.854	-1.36E-13
4.99E-15	3.90E-13	-3094.622	

COMB SVO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	
0.25000	316.712455	1073.231	-1.31E-13
4.58E-15	2.94E-13	-2321.378	

0.50000	316.712455	1087.294	-1.33E-13
4.58E-15	3.11E-13	-2456.411	
0.75000	316.712455	1101.356	-1.34E-13
4.58E-15	3.27E-13	-2593.202	
1.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	

COMB SVO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1059.169	-1.29E-13
4.58E-15	2.78E-13	-2188.103	
0.25000	316.712455	1073.231	-1.31E-13
4.58E-15	2.94E-13	-2321.378	
0.50000	316.712455	1087.294	-1.33E-13
4.58E-15	3.11E-13	-2456.411	
0.75000	316.712455	1101.356	-1.34E-13
4.58E-15	3.27E-13	-2593.202	
1.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	

COMB SVO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	664.697778	-8.15E-14
5.12E-15	4.13E-13	-3275.502	
0.25000	341.404070	678.760278	-8.32E-14
5.12E-15	4.23E-13	-3359.468	
0.50000	341.404070	692.822778	-8.49E-14
5.12E-15	4.34E-13	-3445.192	
0.75000	341.404070	706.885278	-8.66E-14
5.12E-15	4.44E-13	-3532.674	
1.00000	341.404070	720.947778	-8.83E-14
5.12E-15	4.55E-13	-3621.913	

COMB SVO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	664.697778	-8.15E-14
5.12E-15	4.13E-13	-3275.502	
0.25000	341.404070	678.760278	-8.32E-14
5.12E-15	4.23E-13	-3359.468	
0.50000	341.404070	692.822778	-8.49E-14
5.12E-15	4.34E-13	-3445.192	
0.75000	341.404070	706.885278	-8.66E-14
5.12E-15	4.44E-13	-3532.674	
1.00000	341.404070	720.947778	-8.83E-14
5.12E-15	4.55E-13	-3621.913	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	667.262517	-8.17E-14
4.71E-15	3.67E-13	-2911.348	
0.25000	408.792913	681.325017	-8.34E-14
4.71E-15	3.78E-13	-2995.635	
0.50000	408.792913	695.387517	-8.51E-14
4.71E-15	3.88E-13	-3081.679	
0.75000	408.792913	709.450017	-8.68E-14
4.71E-15	3.99E-13	-3169.482	
1.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	

COMB SVO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	667.262517	-8.17E-14
4.71E-15	3.67E-13	-2911.348	
0.25000	408.792913	681.325017	-8.34E-14
4.71E-15	3.78E-13	-2995.635	
0.50000	408.792913	695.387517	-8.51E-14
4.71E-15	3.88E-13	-3081.679	
0.75000	408.792913	709.450017	-8.68E-14
4.71E-15	3.99E-13	-3169.482	
1.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	

COMB SVO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	658.909322	-8.06E-14
4.28E-15	3.21E-13	-2545.387	
0.25000	245.739433	672.971822	-8.23E-14
4.28E-15	3.32E-13	-2628.630	
0.50000	245.739433	687.034322	-8.40E-14
4.28E-15	3.42E-13	-2713.630	
0.75000	245.739433	701.096822	-8.57E-14
4.28E-15	3.53E-13	-2800.388	
1.00000	245.739433	715.159322	-8.74E-14
4.28E-15	3.63E-13	-2888.904	

COMB SVO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	658.909322	-8.06E-14
4.28E-15	3.21E-13	-2545.387	
0.25000	245.739433	672.971822	-8.23E-14
4.28E-15	3.32E-13	-2628.630	
0.50000	245.739433	687.034322	-8.40E-14
4.28E-15	3.42E-13	-2713.630	
0.75000	245.739433	701.096822	-8.57E-14
4.28E-15	3.53E-13	-2800.388	
1.00000	245.739433	715.159322	-8.74E-14
4.28E-15	3.63E-13	-2888.904	

COMB SVO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	661.474060	-8.08E-14
3.87E-15	2.76E-13	-2181.233	
0.25000	313.128276	675.536560	-8.25E-14
3.87E-15	2.86E-13	-2264.796	
0.50000	313.128276	689.599060	-8.42E-14
3.87E-15	2.96E-13	-2350.117	
0.75000	313.128276	703.661560	-8.60E-14
3.87E-15	3.07E-13	-2437.196	
1.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	661.474060	-8.08E-14
3.87E-15	2.76E-13	-2181.233	
0.25000	313.128276	675.536560	-8.25E-14
3.87E-15	2.86E-13	-2264.796	
0.50000	313.128276	689.599060	-8.42E-14
3.87E-15	2.96E-13	-2350.117	
0.75000	313.128276	703.661560	-8.60E-14
3.87E-15	3.07E-13	-2437.196	
1.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-24.143000	1.93E-15
5.22E-15	5.51E-13	-4392.433	
0.25000	598.724446	-5.861750	-2.80E-16
5.22E-15	5.50E-13	-4390.558	
0.50000	598.724446	12.419500	-2.49E-15
5.22E-15	5.51E-13	-4390.968	
0.75000	598.724446	30.700750	-4.71E-15
5.22E-15	5.51E-13	-4393.663	
1.00000	598.724446	48.982000	-6.92E-15
5.22E-15	5.52E-13	-4398.643	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	-24.143000	1.93E-15
5.22E-15	5.51E-13	-4392.433	
0.25000	598.724446	-5.861750	-2.80E-16
5.22E-15	5.50E-13	-4390.558	
0.50000	598.724446	12.419500	-2.49E-15
5.22E-15	5.51E-13	-4390.968	
0.75000	598.724446	30.700750	-4.71E-15
5.22E-15	5.51E-13	-4393.663	
1.00000	598.724446	48.982000	-6.92E-15
5.22E-15	5.52E-13	-4398.643	

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-36.588182	3.78E-15
3.41E-15	3.54E-13	-2822.686	
0.25000	393.045476	-18.306932	1.57E-15
3.41E-15	3.54E-13	-2819.255	
0.50000	393.045476	-0.025682	-6.44E-16
3.41E-15	3.54E-13	-2818.110	
0.75000	393.045476	18.255568	-2.86E-15
3.41E-15	3.54E-13	-2819.249	
1.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-36.588182	3.78E-15
3.41E-15	3.54E-13	-2822.686	
0.25000	393.045476	-18.306932	1.57E-15
3.41E-15	3.54E-13	-2819.255	
0.50000	393.045476	-0.025682	-6.44E-16
3.41E-15	3.54E-13	-2818.110	
0.75000	393.045476	18.255568	-2.86E-15
3.41E-15	3.54E-13	-2819.249	
1.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	

COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1376.920	-1.68E-13
5.96E-15	3.61E-13	-2844.534	
0.25000	411.726191	1395.201	-1.70E-13
5.96E-15	3.82E-13	-3017.792	
0.50000	411.726191	1413.482	-1.72E-13
5.96E-15	4.04E-13	-3193.335	
0.75000	411.726191	1431.763	-1.75E-13
5.96E-15	4.25E-13	-3371.162	
1.00000	411.726191	1450.045	-1.77E-13
5.96E-15	4.47E-13	-3551.275	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1376.920	-1.68E-13
5.96E-15	3.61E-13	-2844.534	
0.25000	411.726191	1395.201	-1.70E-13
5.96E-15	3.82E-13	-3017.792	
0.50000	411.726191	1413.482	-1.72E-13
5.96E-15	4.04E-13	-3193.335	
0.75000	411.726191	1431.763	-1.75E-13
5.96E-15	4.25E-13	-3371.162	
1.00000	411.726191	1450.045	-1.77E-13
5.96E-15	4.47E-13	-3551.275	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	867.441272	-1.06E-13
6.12E-15	4.77E-13	-3784.753	
0.25000	531.430787	885.722522	-1.08E-13
6.12E-15	4.91E-13	-3894.325	
0.50000	531.430787	904.003772	-1.11E-13
6.12E-15	5.04E-13	-4006.183	
0.75000	531.430787	922.285022	-1.13E-13
6.12E-15	5.18E-13	-4120.326	
1.00000	531.430787	940.566272	-1.15E-13
6.12E-15	5.33E-13	-4236.754	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	867.441272	-1.06E-13
6.12E-15	4.77E-13	-3784.753	
0.25000	531.430787	885.722522	-1.08E-13
6.12E-15	4.91E-13	-3894.325	
0.50000	531.430787	904.003772	-1.11E-13
6.12E-15	5.04E-13	-4006.183	
0.75000	531.430787	922.285022	-1.13E-13
6.12E-15	5.18E-13	-4120.326	
1.00000	531.430787	940.566272	-1.15E-13
6.12E-15	5.33E-13	-4236.754	

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	859.916278	-1.05E-13
5.03E-15	3.58E-13	-2835.603	
0.25000	407.066759	878.197528	-1.07E-13
5.03E-15	3.72E-13	-2944.235	
0.50000	407.066759	896.478778	-1.10E-13
5.03E-15	3.85E-13	-3055.153	
0.75000	407.066759	914.760028	-1.12E-13
5.03E-15	3.99E-13	-3168.355	
1.00000	407.066759	933.041278	-1.14E-13
5.03E-15	4.13E-13	-3283.843	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	859.916278	-1.05E-13
5.03E-15	3.58E-13	-2835.603	
0.25000	407.066759	878.197528	-1.07E-13
5.03E-15	3.72E-13	-2944.235	
0.50000	407.066759	896.478778	-1.10E-13
5.03E-15	3.85E-13	-3055.153	
0.75000	407.066759	914.760028	-1.12E-13
5.03E-15	3.99E-13	-3168.355	
1.00000	407.066759	933.041278	-1.14E-13
5.03E-15	4.13E-13	-3283.843	

COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	-32.397349	2.97E-15
5.04E-15	5.32E-13	-4245.235	
0.25000	429.804008	-14.116099	7.55E-16
5.04E-15	5.32E-13	-4242.328	
0.50000	429.804008	4.165151	-1.46E-15
5.04E-15	5.32E-13	-4241.706	
0.75000	429.804008	22.446401	-3.67E-15
5.04E-15	5.32E-13	-4243.370	
1.00000	429.804008	40.727651	-5.89E-15
5.04E-15	5.33E-13	-4247.318	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	-32.397349	2.97E-15
5.04E-15	5.32E-13	-4245.235	
0.25000	429.804008	-14.116099	7.55E-16
5.04E-15	5.32E-13	-4242.328	
0.50000	429.804008	4.165151	-1.46E-15
5.04E-15	5.32E-13	-4241.706	
0.75000	429.804008	22.446401	-3.67E-15
5.04E-15	5.32E-13	-4243.370	
1.00000	429.804008	40.727651	-5.89E-15
5.04E-15	5.33E-13	-4247.318	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-29.063189	2.67E-15
4.51E-15	4.73E-13	-3771.836	
0.25000	517.409504	-10.781939	4.52E-16
4.51E-15	4.73E-13	-3769.345	
0.50000	517.409504	7.499311	-1.76E-15
4.51E-15	4.73E-13	-3769.140	
0.75000	517.409504	25.780561	-3.98E-15
4.51E-15	4.73E-13	-3771.220	
1.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-29.063189	2.67E-15
4.51E-15	4.73E-13	-3771.836	
0.25000	517.409504	-10.781939	4.52E-16
4.51E-15	4.73E-13	-3769.345	
0.50000	517.409504	7.499311	-1.76E-15
4.51E-15	4.73E-13	-3769.140	
0.75000	517.409504	25.780561	-3.98E-15
4.51E-15	4.73E-13	-3771.220	
1.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	-39.922342	4.09E-15
3.95E-15	4.13E-13	-3296.086	
0.25000	305.439980	-21.641092	1.87E-15
3.95E-15	4.13E-13	-3292.238	
0.50000	305.439980	-3.359842	-3.41E-16
3.95E-15	4.13E-13	-3290.676	
0.75000	305.439980	14.921408	-2.56E-15
3.95E-15	4.13E-13	-3291.398	
1.00000	305.439980	33.202658	-4.77E-15
3.95E-15	4.13E-13	-3294.406	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	-39.922342	4.09E-15
3.95E-15	4.13E-13	-3296.086	
0.25000	305.439980	-21.641092	1.87E-15
3.95E-15	4.13E-13	-3292.238	
0.50000	305.439980	-3.359842	-3.41E-16
3.95E-15	4.13E-13	-3290.676	
0.75000	305.439980	14.921408	-2.56E-15
3.95E-15	4.13E-13	-3291.398	
1.00000	305.439980	33.202658	-4.77E-15
3.95E-15	4.13E-13	-3294.406	

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-36.588182	3.78E-15
3.41E-15	3.54E-13	-2822.686	
0.25000	393.045476	-18.306932	1.57E-15
3.41E-15	3.54E-13	-2819.255	
0.50000	393.045476	-0.025682	-6.44E-16
3.41E-15	3.54E-13	-2818.110	
0.75000	393.045476	18.255568	-2.86E-15
3.41E-15	3.54E-13	-2819.249	
1.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	-36.588182	3.78E-15
3.41E-15	3.54E-13	-2822.686	
0.25000	393.045476	-18.306932	1.57E-15
3.41E-15	3.54E-13	-2819.255	
0.50000	393.045476	-0.025682	-6.44E-16
3.41E-15	3.54E-13	-2818.110	
0.75000	393.045476	18.255568	-2.86E-15
3.41E-15	3.54E-13	-2819.249	
1.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1320.755	-1.61E-13
6.24E-15	4.04E-13	-3190.321	
0.25000	311.654514	1338.333	-1.63E-13
6.24E-15	4.25E-13	-3356.514	
0.50000	311.654514	1355.912	-1.65E-13
6.24E-15	4.45E-13	-3524.905	
0.75000	311.654514	1373.490	-1.68E-13
6.24E-15	4.66E-13	-3695.492	
1.00000	311.654514	1391.068	-1.70E-13
6.24E-15	4.87E-13	-3868.277	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1320.755	-1.61E-13
6.24E-15	4.04E-13	-3190.321	
0.25000	311.654514	1338.333	-1.63E-13
6.24E-15	4.25E-13	-3356.514	
0.50000	311.654514	1355.912	-1.65E-13
6.24E-15	4.45E-13	-3524.905	
0.75000	311.654514	1373.490	-1.68E-13
6.24E-15	4.66E-13	-3695.492	
1.00000	311.654514	1391.068	-1.70E-13
6.24E-15	4.87E-13	-3868.277	

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1323.961	-1.61E-13
5.73E-15	3.47E-13	-2735.129	
0.25000	395.890568	1341.539	-1.64E-13
5.73E-15	3.68E-13	-2901.723	
0.50000	395.890568	1359.117	-1.66E-13
5.73E-15	3.88E-13	-3070.514	
0.75000	395.890568	1376.696	-1.68E-13
5.73E-15	4.09E-13	-3241.502	
1.00000	395.890568	1394.274	-1.70E-13
5.73E-15	4.30E-13	-3414.688	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1323.961	-1.61E-13
5.73E-15	3.47E-13	-2735.129	
0.25000	395.890568	1341.539	-1.64E-13
5.73E-15	3.68E-13	-2901.723	
0.50000	395.890568	1359.117	-1.66E-13
5.73E-15	3.88E-13	-3070.514	
0.75000	395.890568	1376.696	-1.68E-13
5.73E-15	4.09E-13	-3241.502	
1.00000	395.890568	1394.274	-1.70E-13
5.73E-15	4.30E-13	-3414.688	

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	830.872223	-1.02E-13
6.40E-15	5.16E-13	-4094.377	
0.25000	426.755087	848.450348	-1.04E-13
6.40E-15	5.29E-13	-4199.335	
0.50000	426.755087	866.028473	-1.06E-13
6.40E-15	5.42E-13	-4306.490	
0.75000	426.755087	883.606598	-1.08E-13
6.40E-15	5.55E-13	-4415.842	
1.00000	426.755087	901.184723	-1.10E-13
6.40E-15	5.69E-13	-4527.392	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	830.872223	-1.02E-13
6.40E-15	5.16E-13	-4094.377	
0.25000	426.755087	848.450348	-1.04E-13
6.40E-15	5.29E-13	-4199.335	
0.50000	426.755087	866.028473	-1.06E-13
6.40E-15	5.42E-13	-4306.490	
0.75000	426.755087	883.606598	-1.08E-13
6.40E-15	5.55E-13	-4415.842	
1.00000	426.755087	901.184723	-1.10E-13
6.40E-15	5.69E-13	-4527.392	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	834.078146	-1.02E-13
5.88E-15	4.59E-13	-3639.185	
0.25000	510.991141	851.656271	-1.04E-13
5.88E-15	4.72E-13	-3744.544	
0.50000	510.991141	869.234396	-1.06E-13
5.88E-15	4.85E-13	-3852.099	
0.75000	510.991141	886.812521	-1.09E-13
5.88E-15	4.99E-13	-3961.852	
1.00000	510.991141	904.390646	-1.11E-13
5.88E-15	5.12E-13	-4073.802	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	834.078146	-1.02E-13
5.88E-15	4.59E-13	-3639.185	
0.25000	510.991141	851.656271	-1.04E-13
5.88E-15	4.72E-13	-3744.544	
0.50000	510.991141	869.234396	-1.06E-13
5.88E-15	4.85E-13	-3852.099	
0.75000	510.991141	886.812521	-1.09E-13
5.88E-15	4.99E-13	-3961.852	
1.00000	510.991141	904.390646	-1.11E-13
5.88E-15	5.12E-13	-4073.802	

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	307.174291	823.636652	-1.01E-13
5.34E-15	4.02E-13	-3181.734	
0.25000	307.174291	841.214777	-1.03E-13
5.34E-15	4.14E-13	-3285.787	
0.50000	307.174291	858.792902	-1.05E-13
5.34E-15	4.27E-13	-3392.038	
0.75000	307.174291	876.371027	-1.07E-13
5.34E-15	4.41E-13	-3500.485	
1.00000	307.174291	893.949152	-1.09E-13
5.34E-15	4.54E-13	-3611.130	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3

T	M2	M3	
0.00000	307.174291	823.636652	-1.01E-13
5.34E-15	4.02E-13	-3181.734	
0.25000	307.174291	841.214777	-1.03E-13
5.34E-15	4.14E-13	-3285.787	
0.50000	307.174291	858.792902	-1.05E-13
5.34E-15	4.27E-13	-3392.038	
0.75000	307.174291	876.371027	-1.07E-13
5.34E-15	4.41E-13	-3500.485	
1.00000	307.174291	893.949152	-1.09E-13
5.34E-15	4.54E-13	-3611.130	

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	826.842575	-1.01E-13
4.83E-15	3.45E-13	-2726.542	
0.25000	391.410345	844.420700	-1.03E-13
4.83E-15	3.57E-13	-2830.996	
0.50000	391.410345	861.998825	-1.05E-13
4.83E-15	3.70E-13	-2937.647	
0.75000	391.410345	879.576950	-1.07E-13
4.83E-15	3.84E-13	-3046.495	
1.00000	391.410345	897.155075	-1.10E-13
4.83E-15	3.97E-13	-3157.541	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	826.842575	-1.01E-13
4.83E-15	3.45E-13	-2726.542	
0.25000	391.410345	844.420700	-1.03E-13
4.83E-15	3.57E-13	-2830.996	
0.50000	391.410345	861.998825	-1.05E-13
4.83E-15	3.70E-13	-2937.647	
0.75000	391.410345	879.576950	-1.07E-13
4.83E-15	3.84E-13	-3046.495	
1.00000	391.410345	897.155075	-1.10E-13
4.83E-15	3.97E-13	-3157.541	

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COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	
0.25000	302.342674	-14.082255	1.21E-15
2.63E-15	2.72E-13	-2168.658	
0.50000	302.342674	-0.019755	-4.95E-16
2.63E-15	2.72E-13	-2167.777	
0.75000	302.342674	14.042745	-2.20E-15
2.63E-15	2.72E-13	-2168.653	
1.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	-28.144755	2.91E-15
2.63E-15	2.72E-13	-2171.297	
0.25000	302.342674	-14.082255	1.21E-15
2.63E-15	2.72E-13	-2168.658	
0.50000	302.342674	-0.019755	-4.95E-16
2.63E-15	2.72E-13	-2167.777	
0.75000	302.342674	14.042745	-2.20E-15
2.63E-15	2.72E-13	-2168.653	
1.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-29.063189	2.67E-15
4.51E-15	4.73E-13	-3771.836	
0.25000	517.409504	-10.781939	4.52E-16
4.51E-15	4.73E-13	-3769.345	
0.50000	517.409504	7.499311	-1.76E-15
4.51E-15	4.73E-13	-3769.140	
0.75000	517.409504	25.780561	-3.98E-15
4.51E-15	4.73E-13	-3771.220	
1.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	-29.063189	2.67E-15
4.51E-15	4.73E-13	-3771.836	
0.25000	517.409504	-10.781939	4.52E-16
4.51E-15	4.73E-13	-3769.345	
0.50000	517.409504	7.499311	-1.76E-15
4.51E-15	4.73E-13	-3769.140	
0.75000	517.409504	25.780561	-3.98E-15
4.51E-15	4.73E-13	-3771.220	
1.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	

COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	1271.003	-1.55E-13
5.50E-15	3.33E-13	-2625.724	
0.25000	380.054946	1287.878	-1.57E-13
5.50E-15	3.53E-13	-2785.654	
0.50000	380.054946	1304.753	-1.59E-13
5.50E-15	3.73E-13	-2947.693	
0.75000	380.054946	1321.628	-1.61E-13
5.50E-15	3.93E-13	-3111.842	
1.00000	380.054946	1338.503	-1.63E-13
5.50E-15	4.13E-13	-3278.100	

COMB ULO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	1271.003	-1.55E-13
5.50E-15	3.33E-13	-2625.724	
0.25000	380.054946	1287.878	-1.57E-13
5.50E-15	3.53E-13	-2785.654	
0.50000	380.054946	1304.753	-1.59E-13
5.50E-15	3.73E-13	-2947.693	
0.75000	380.054946	1321.628	-1.61E-13
5.50E-15	3.93E-13	-3111.842	
1.00000	380.054946	1338.503	-1.63E-13
5.50E-15	4.13E-13	-3278.100	

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COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-15.529140	1.04E-15
4.43E-15	4.69E-13	-3741.046	
0.25000	508.025848	-1.466640	-6.63E-16
4.43E-15	4.69E-13	-3739.984	
0.50000	508.025848	12.595860	-2.37E-15
4.43E-15	4.69E-13	-3740.679	
0.75000	508.025848	26.658360	-4.07E-15
4.43E-15	4.69E-13	-3743.133	
1.00000	508.025848	40.720860	-5.77E-15
4.43E-15	4.70E-13	-3747.344	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	-15.529140	1.04E-15
4.43E-15	4.69E-13	-3741.046	
0.25000	508.025848	-1.466640	-6.63E-16
4.43E-15	4.69E-13	-3739.984	
0.50000	508.025848	12.595860	-2.37E-15
4.43E-15	4.69E-13	-3740.679	
0.75000	508.025848	26.658360	-4.07E-15
4.43E-15	4.69E-13	-3743.133	
1.00000	508.025848	40.720860	-5.77E-15
4.43E-15	4.70E-13	-3747.344	

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	
0.25000	302.346879	-13.911822	1.19E-15
2.63E-15	2.72E-13	-2168.681	
0.50000	302.346879	0.150678	-5.16E-16
2.63E-15	2.72E-13	-2167.821	
0.75000	302.346879	14.213178	-2.22E-15
2.63E-15	2.72E-13	-2168.719	
1.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	
0.25000	302.346879	-13.911822	1.19E-15
2.63E-15	2.72E-13	-2168.681	
0.50000	302.346879	0.150678	-5.16E-16
2.63E-15	2.72E-13	-2167.821	
0.75000	302.346879	14.213178	-2.22E-15
2.63E-15	2.72E-13	-2168.719	
1.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	

COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1385.534	-1.69E-13
5.17E-15	2.80E-13	-2193.147	
0.25000	321.027593	1399.596	-1.70E-13
5.17E-15	3.01E-13	-2367.218	
0.50000	321.027593	1413.659	-1.72E-13
5.17E-15	3.22E-13	-2543.046	
0.75000	321.027593	1427.721	-1.74E-13
5.17E-15	3.44E-13	-2720.632	
1.00000	321.027593	1441.784	-1.76E-13
5.17E-15	3.66E-13	-2899.976	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1385.534	-1.69E-13
5.17E-15	2.80E-13	-2193.147	
0.25000	321.027593	1399.596	-1.70E-13
5.17E-15	3.01E-13	-2367.218	
0.50000	321.027593	1413.659	-1.72E-13
5.17E-15	3.22E-13	-2543.046	
0.75000	321.027593	1427.721	-1.74E-13
5.17E-15	3.44E-13	-2720.632	
1.00000	321.027593	1441.784	-1.76E-13
5.17E-15	3.66E-13	-2899.976	

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COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	876.055132	-1.07E-13
5.33E-15	3.96E-13	-3133.365	
0.25000	440.732189	890.117632	-1.09E-13
5.33E-15	4.09E-13	-3243.751	
0.50000	440.732189	904.180132	-1.11E-13
5.33E-15	4.23E-13	-3355.895	
0.75000	440.732189	918.242632	-1.12E-13
5.33E-15	4.37E-13	-3469.796	
1.00000	440.732189	932.305132	-1.14E-13
5.33E-15	4.51E-13	-3585.455	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	876.055132	-1.07E-13
5.33E-15	3.96E-13	-3133.365	
0.25000	440.732189	890.117632	-1.09E-13
5.33E-15	4.09E-13	-3243.751	
0.50000	440.732189	904.180132	-1.11E-13
5.33E-15	4.23E-13	-3355.895	
0.75000	440.732189	918.242632	-1.12E-13
5.33E-15	4.37E-13	-3469.796	
1.00000	440.732189	932.305132	-1.14E-13
5.33E-15	4.51E-13	-3585.455	

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	868.530139	-1.06E-13
4.24E-15	2.77E-13	-2184.216	
0.25000	316.368161	882.592639	-1.08E-13
4.24E-15	2.90E-13	-2293.661	
0.50000	316.368161	896.655139	-1.09E-13
4.24E-15	3.04E-13	-2404.864	
0.75000	316.368161	910.717639	-1.11E-13
4.24E-15	3.17E-13	-2517.825	
1.00000	316.368161	924.780139	-1.13E-13
4.24E-15	3.31E-13	-2632.544	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	868.530139	-1.06E-13
4.24E-15	2.77E-13	-2184.216	
0.25000	316.368161	882.592639	-1.08E-13
4.24E-15	2.90E-13	-2293.661	
0.50000	316.368161	896.655139	-1.09E-13
4.24E-15	3.04E-13	-2404.864	
0.75000	316.368161	910.717639	-1.11E-13
4.24E-15	3.17E-13	-2517.825	
1.00000	316.368161	924.780139	-1.13E-13
4.24E-15	3.31E-13	-2632.544	

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-23.783488	2.07E-15
4.25E-15	4.50E-13	-3593.848	
0.25000	339.105410	-9.720988	3.72E-16
4.25E-15	4.50E-13	-3591.754	
0.50000	339.105410	4.341512	-1.33E-15
4.25E-15	4.50E-13	-3591.418	
0.75000	339.105410	18.404012	-3.03E-15
4.25E-15	4.51E-13	-3592.839	
1.00000	339.105410	32.466512	-4.74E-15
4.25E-15	4.51E-13	-3596.019	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	-23.783488	2.07E-15
4.25E-15	4.50E-13	-3593.848	
0.25000	339.105410	-9.720988	3.72E-16
4.25E-15	4.50E-13	-3591.754	
0.50000	339.105410	4.341512	-1.33E-15
4.25E-15	4.50E-13	-3591.418	
0.75000	339.105410	18.404012	-3.03E-15
4.25E-15	4.51E-13	-3592.839	
1.00000	339.105410	32.466512	-4.74E-15
4.25E-15	4.51E-13	-3596.019	

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COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-20.449328	1.77E-15
3.72E-15	3.91E-13	-3120.448	
0.25000	426.710906	-6.386828	6.86E-17
3.72E-15	3.91E-13	-3118.771	
0.50000	426.710906	7.675672	-1.63E-15
3.72E-15	3.91E-13	-3118.851	
0.75000	426.710906	21.738172	-3.34E-15
3.72E-15	3.91E-13	-3120.690	
1.00000	426.710906	35.800672	-5.04E-15
3.72E-15	3.92E-13	-3124.286	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	-20.449328	1.77E-15
3.72E-15	3.91E-13	-3120.448	
0.25000	426.710906	-6.386828	6.86E-17
3.72E-15	3.91E-13	-3118.771	
0.50000	426.710906	7.675672	-1.63E-15
3.72E-15	3.91E-13	-3118.851	
0.75000	426.710906	21.738172	-3.34E-15
3.72E-15	3.91E-13	-3120.690	
1.00000	426.710906	35.800672	-5.04E-15
3.72E-15	3.92E-13	-3124.286	

COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-31.308482	3.19E-15
3.16E-15	3.32E-13	-2644.699	
0.25000	214.741382	-17.245982	1.49E-15
3.16E-15	3.31E-13	-2641.664	
0.50000	214.741382	-3.183482	-2.13E-16
3.16E-15	3.31E-13	-2640.387	
0.75000	214.741382	10.879018	-1.92E-15
3.16E-15	3.31E-13	-2640.868	
1.00000	214.741382	24.941518	-3.62E-15
3.16E-15	3.32E-13	-2643.107	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	-31.308482	3.19E-15
3.16E-15	3.32E-13	-2644.699	
0.25000	214.741382	-17.245982	1.49E-15
3.16E-15	3.31E-13	-2641.664	
0.50000	214.741382	-3.183482	-2.13E-16
3.16E-15	3.31E-13	-2640.387	
0.75000	214.741382	10.879018	-1.92E-15
3.16E-15	3.31E-13	-2640.868	
1.00000	214.741382	24.941518	-3.62E-15
3.16E-15	3.32E-13	-2643.107	

COMB UEO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	
0.25000	302.346879	-13.911822	1.19E-15
2.63E-15	2.72E-13	-2168.681	
0.50000	302.346879	0.150678	-5.16E-16
2.63E-15	2.72E-13	-2167.821	
0.75000	302.346879	14.213178	-2.22E-15
2.63E-15	2.72E-13	-2168.719	
1.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	-27.974322	2.89E-15
2.63E-15	2.72E-13	-2171.299	
0.25000	302.346879	-13.911822	1.19E-15
2.63E-15	2.72E-13	-2168.681	
0.50000	302.346879	0.150678	-5.16E-16
2.63E-15	2.72E-13	-2167.821	
0.75000	302.346879	14.213178	-2.22E-15
2.63E-15	2.72E-13	-2168.719	
1.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	

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COMB UEO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1329.369	-1.62E-13
5.45E-15	3.23E-13	-2538.934	
0.25000	220.955916	1342.729	-1.64E-13
5.45E-15	3.43E-13	-2705.940	
0.50000	220.955916	1356.088	-1.65E-13
5.45E-15	3.64E-13	-2874.616	
0.75000	220.955916	1369.447	-1.67E-13
5.45E-15	3.84E-13	-3044.962	
1.00000	220.955916	1382.807	-1.69E-13
5.45E-15	4.05E-13	-3216.978	

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1329.369	-1.62E-13
5.45E-15	3.23E-13	-2538.934	
0.25000	220.955916	1342.729	-1.64E-13
5.45E-15	3.43E-13	-2705.940	
0.50000	220.955916	1356.088	-1.65E-13
5.45E-15	3.64E-13	-2874.616	
0.75000	220.955916	1369.447	-1.67E-13
5.45E-15	3.84E-13	-3044.962	
1.00000	220.955916	1382.807	-1.69E-13
5.45E-15	4.05E-13	-3216.978	

COMB UEO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1332.575	-1.62E-13
4.94E-15	2.66E-13	-2083.742	
0.25000	305.191970	1345.934	-1.64E-13
4.94E-15	2.86E-13	-2251.149	
0.50000	305.191970	1359.294	-1.66E-13
4.94E-15	3.07E-13	-2420.225	
0.75000	305.191970	1372.653	-1.67E-13
4.94E-15	3.27E-13	-2590.972	
1.00000	305.191970	1386.013	-1.69E-13
4.94E-15	3.48E-13	-2763.389	

COMB UEO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1332.575	-1.62E-13
4.94E-15	2.66E-13	-2083.742	
0.25000	305.191970	1345.934	-1.64E-13
4.94E-15	2.86E-13	-2251.149	
0.50000	305.191970	1359.294	-1.66E-13
4.94E-15	3.07E-13	-2420.225	
0.75000	305.191970	1372.653	-1.67E-13
4.94E-15	3.27E-13	-2590.972	
1.00000	305.191970	1386.013	-1.69E-13
4.94E-15	3.48E-13	-2763.389	

COMB UEO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	839.486083	-1.03E-13
5.61E-15	4.34E-13	-3442.990	
0.25000	336.056489	852.845458	-1.04E-13
5.61E-15	4.47E-13	-3548.761	
0.50000	336.056489	866.204833	-1.06E-13
5.61E-15	4.60E-13	-3656.201	
0.75000	336.056489	879.564208	-1.08E-13
5.61E-15	4.74E-13	-3765.312	
1.00000	336.056489	892.923583	-1.09E-13
5.61E-15	4.87E-13	-3876.092	

COMB UEO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	839.486083	-1.03E-13
5.61E-15	4.34E-13	-3442.990	
0.25000	336.056489	852.845458	-1.04E-13
5.61E-15	4.47E-13	-3548.761	
0.50000	336.056489	866.204833	-1.06E-13
5.61E-15	4.60E-13	-3656.201	
0.75000	336.056489	879.564208	-1.08E-13
5.61E-15	4.74E-13	-3765.312	
1.00000	336.056489	892.923583	-1.09E-13
5.61E-15	4.87E-13	-3876.092	

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COMB UEO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	842.692007	-1.03E-13
5.10E-15	3.77E-13	-2987.798	
0.25000	420.292543	856.051382	-1.05E-13
5.10E-15	3.90E-13	-3093.969	
0.50000	420.292543	869.410757	-1.06E-13
5.10E-15	4.04E-13	-3201.811	
0.75000	420.292543	882.770132	-1.08E-13
5.10E-15	4.17E-13	-3311.322	
1.00000	420.292543	896.129507	-1.09E-13
5.10E-15	4.30E-13	-3422.503	

COMB UEO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	842.692007	-1.03E-13
5.10E-15	3.77E-13	-2987.798	
0.25000	420.292543	856.051382	-1.05E-13
5.10E-15	3.90E-13	-3093.969	
0.50000	420.292543	869.410757	-1.06E-13
5.10E-15	4.04E-13	-3201.811	
0.75000	420.292543	882.770132	-1.08E-13
5.10E-15	4.17E-13	-3311.322	
1.00000	420.292543	896.129507	-1.09E-13
5.10E-15	4.30E-13	-3422.503	

COMB UEO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	832.250513	-1.02E-13
4.56E-15	3.20E-13	-2530.346	
0.25000	216.475693	845.609888	-1.03E-13
4.56E-15	3.33E-13	-2635.213	
0.50000	216.475693	858.969263	-1.05E-13
4.56E-15	3.46E-13	-2741.749	
0.75000	216.475693	872.328638	-1.07E-13
4.56E-15	3.59E-13	-2849.955	
1.00000	216.475693	885.688013	-1.08E-13
4.56E-15	3.72E-13	-2959.831	

COMB UEO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	832.250513	-1.02E-13
4.56E-15	3.20E-13	-2530.346	
0.25000	216.475693	845.609888	-1.03E-13
4.56E-15	3.33E-13	-2635.213	
0.50000	216.475693	858.969263	-1.05E-13
4.56E-15	3.46E-13	-2741.749	
0.75000	216.475693	872.328638	-1.07E-13
4.56E-15	3.59E-13	-2849.955	
1.00000	216.475693	885.688013	-1.08E-13

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 4.56E-15    3.72E-13   -2959.831

COMB    UEO15 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     300.711747    835.456436   -1.02E-13
4.05E-15    2.63E-13   -2075.154
0.25000     300.711747    848.815811   -1.04E-13
4.05E-15    2.76E-13   -2180.421
0.50000     300.711747    862.175186   -1.05E-13
4.05E-15    2.89E-13   -2287.358
0.75000     300.711747    875.534561   -1.07E-13
4.05E-15    3.02E-13   -2395.965
1.00000     300.711747    888.893936   -1.08E-13
4.05E-15    3.16E-13   -2506.242

COMB    UEO15 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     300.711747    835.456436   -1.02E-13
4.05E-15    2.63E-13   -2075.154
0.25000     300.711747    848.815811   -1.04E-13
4.05E-15    2.76E-13   -2180.421
0.50000     300.711747    862.175186   -1.05E-13
4.05E-15    2.89E-13   -2287.358
0.75000     300.711747    875.534561   -1.07E-13
4.05E-15    3.02E-13   -2395.965
1.00000     300.711747    888.893936   -1.08E-13
4.05E-15    3.16E-13   -2506.242
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COMB    UEO16 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.342674    -28.144755     2.91E-15
2.63E-15    2.72E-13   -2171.297
0.25000     302.342674    -14.082255     1.21E-15
2.63E-15    2.72E-13   -2168.658
0.50000     302.342674     -0.019755    -4.95E-16
2.63E-15    2.72E-13   -2167.777
0.75000     302.342674     14.042745    -2.20E-15
2.63E-15    2.72E-13   -2168.653
1.00000     302.342674     28.105245    -3.90E-15
2.63E-15    2.72E-13   -2171.287

COMB    UEO16 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.342674    -28.144755     2.91E-15
2.63E-15    2.72E-13   -2171.297
0.25000     302.342674    -14.082255     1.21E-15
2.63E-15    2.72E-13   -2168.658
0.50000     302.342674     -0.019755    -4.95E-16
2.63E-15    2.72E-13   -2167.777
0.75000     302.342674     14.042745    -2.20E-15
2.63E-15    2.72E-13   -2168.653
1.00000     302.342674     28.105245    -3.90E-15
2.63E-15    2.72E-13   -2171.287

COMB    UEO17 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     426.710906    -20.449328     1.77E-15
3.72E-15    3.91E-13   -3120.448
0.25000     426.710906     -6.386828     6.86E-17
3.72E-15    3.91E-13   -3118.771
0.50000     426.710906      7.675672    -1.63E-15
3.72E-15    3.91E-13   -3118.851
0.75000     426.710906     21.738172    -3.34E-15
3.72E-15    3.91E-13   -3120.690
1.00000     426.710906     35.800672    -5.04E-15
3.72E-15    3.92E-13   -3124.286

COMB    UEO17 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     426.710906    -20.449328     1.77E-15
3.72E-15    3.91E-13   -3120.448
0.25000     426.710906     -6.386828     6.86E-17
3.72E-15    3.91E-13   -3118.771
0.50000     426.710906      7.675672    -1.63E-15
3.72E-15    3.91E-13   -3118.851
0.75000     426.710906     21.738172    -3.34E-15
3.72E-15    3.91E-13   -3120.690
1.00000     426.710906     35.800672    -5.04E-15
3.72E-15    3.92E-13   -3124.286

COMB    UEO18 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     289.356348     1279.617    -1.56E-13
4.71E-15    2.52E-13   -1974.337
0.25000     289.356348     1292.273    -1.57E-13
4.71E-15    2.71E-13   -2135.080
0.50000     289.356348     1304.929    -1.59E-13
4.71E-15    2.91E-13   -2297.405
0.75000     289.356348     1317.585    -1.60E-13
4.71E-15    3.11E-13   -2461.312
1.00000     289.356348     1330.242    -1.62E-13
4.71E-15    3.31E-13   -2626.801

COMB    UEO18 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     289.356348     1279.617    -1.56E-13
4.71E-15    2.52E-13   -1974.337
0.25000     289.356348     1292.273    -1.57E-13
4.71E-15    2.71E-13   -2135.080
0.50000     289.356348     1304.929    -1.59E-13
4.71E-15    2.91E-13   -2297.405
0.75000     289.356348     1317.585    -1.60E-13
4.71E-15    3.11E-13   -2461.312
1.00000     289.356348     1330.242    -1.62E-13
4.71E-15    3.31E-13   -2626.801
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L    F O R C E S

COMB ENVBULT ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     598.706226    -24.881548     2.02E-15
5.22E-15    5.51E-13   -4392.425
0.25000     598.706226     -6.600298    -1.90E-16
5.22E-15    5.50E-13   -4390.458
0.50000     598.706226     11.680952    -2.40E-15
5.22E-15    5.51E-13   -4390.775
0.75000     598.706226     29.962202    -4.62E-15
5.22E-15    5.51E-13   -4393.378
1.00000     598.706226     48.243452    -6.83E-15
5.22E-15    5.52E-13   -4398.266

COMB ENVBULT ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     598.706226    -24.881548     2.02E-15
5.22E-15    5.51E-13   -4392.425
0.25000     598.706226     -6.600298    -1.90E-16
5.22E-15    5.50E-13   -4390.458
0.50000     598.706226     11.680952    -2.40E-15
5.22E-15    5.51E-13   -4390.775
0.75000     598.706226     29.962202    -4.62E-15
5.22E-15    5.51E-13   -4393.378
1.00000     598.706226     48.243452    -6.83E-15
5.22E-15    5.52E-13   -4398.266

COMB ENVBECC ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     508.007629    -16.267687     2.98E-15
4.43E-15    4.69E-13   -2171.291
0.25000     508.007629     -2.205187     1.28E-15
4.43E-15    4.69E-13   -2168.581
0.50000     508.007629     11.857313    -4.26E-16
4.43E-15    4.69E-13   -2167.629
0.75000     508.007629     25.919813    -2.13E-15
4.43E-15    4.69E-13   -2168.434
1.00000     508.007629     39.982313    -3.83E-15
4.43E-15    4.70E-13   -2170.997

COMB ENVBECC ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.328660    -28.712869     1.13E-15
2.63E-15    2.72E-13   -3741.038
0.25000     302.328660    -14.650369    -5.73E-16
2.63E-15    2.72E-13   -3739.883
0.50000     302.328660     -0.587869    -2.28E-15
2.63E-15    2.72E-13   -3740.487
0.75000     302.328660     13.474631    -3.98E-15
2.63E-15    2.72E-13   -3742.848
1.00000     302.328660     27.537131    -5.68E-15
2.63E-15    2.72E-13   -3746.967

COMB ENVOULT ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     598.724446    -24.143000     1.93E-15
5.22E-15    5.51E-13   -4392.433
0.25000     598.724446     -5.861750    -2.80E-16
5.22E-15    5.50E-13   -4390.558
0.50000     598.724446     12.419500    -2.49E-15
5.22E-15    5.51E-13   -4390.968
0.75000     598.724446     30.700750    -4.71E-15
5.22E-15    5.51E-13   -4393.663
1.00000     598.724446     48.982000    -6.92E-15
5.22E-15    5.52E-13   -4398.643

COMB ENVOULT ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     598.724446    -24.143000     1.93E-15
5.22E-15    5.51E-13   -4392.433
0.25000     598.724446     -5.861750    -2.80E-16
5.22E-15    5.50E-13   -4390.558
0.50000     598.724446     12.419500    -2.49E-15
5.22E-15    5.51E-13   -4390.968
0.75000     598.724446     30.700750    -4.71E-15
5.22E-15    5.51E-13   -4393.663
1.00000     598.724446     48.982000    -6.92E-15
5.22E-15    5.52E-13   -4398.643
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L    F O R C E S

COMB ENVOECC ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     508.025848    -15.529140     2.89E-15
4.43E-15    4.69E-13   -2171.299
0.25000     508.025848     -1.466640     1.19E-15
4.43E-15    4.69E-13   -2168.651
0.50000     508.025848     12.595860    -5.16E-16
4.43E-15    4.69E-13   -2167.821
0.75000     508.025848     26.658360    -2.22E-15
4.43E-15    4.69E-13   -2168.719
1.00000     508.025848     40.720860    -3.92E-15
4.43E-15    4.70E-13   -2171.374

COMB ENVOECC ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.346879    -27.974322     1.04E-15
2.63E-15    2.72E-13   -3741.046
0.25000     302.346879    -13.911822    -6.63E-16
2.63E-15    2.72E-13   -3739.984
0.50000     302.346879      0.150678    -2.37E-15
2.63E-15    2.72E-13   -3740.679
0.75000     302.346879     14.213178    -4.07E-15
2.63E-15    2.72E-13   -3743.133
1.00000     302.346879     28.275678    -5.77E-15
2.63E-15    2.72E-13   -3747.344

ELEM      11 ================== LENGTH =
1.225000

LOAD        D ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.328660     27.537131    -3.83E-15
2.63E-15    2.72E-13   -2170.997
0.25000     302.328660     62.708030    -8.09E-15
2.63E-15    2.74E-13   -2184.779
0.50000     302.328660     99.314475    -1.25E-14
2.63E-15    2.77E-13   -2209.552
0.75000     302.328660    137.356467    -1.71E-14
2.63E-15    2.82E-13   -2245.756
1.00000     302.328660    176.834006    -2.19E-14
2.63E-15    2.88E-13   -2293.830

LOAD        L1 ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000     95.664637      5.788457    -8.60E-16
8.41E-16    9.19E-14 -733.009060
0.25000     95.664637      5.788457    -8.60E-16
8.41E-16    9.22E-14 -734.781775
0.50000     95.664637      5.788457    -8.60E-16
8.41E-16    9.24E-14 -736.554490
0.75000     95.664637      5.788457    -8.60E-16
8.41E-16    9.27E-14 -738.327205
1.00000     95.664637      5.788457    -8.60E-16
8.41E-16    9.30E-14 -740.099920

LOAD      W-LO ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000      1.14E-17     7.14E-16     5.959688
8.881358    -1.088203    -3.93E-17
0.25000      1.14E-17     9.19E-16     7.647891
8.881358    -3.170105    -2.89E-16
0.50000      1.14E-17     1.13E-15     9.405000
8.881358    -5.779570    -6.03E-16
0.75000      1.14E-17     1.35E-15    11.231016
8.881358    -8.937701    -9.83E-16
1.00000      1.14E-17     1.58E-15    13.125938
8.881358   -12.665601    -1.43E-15

LOAD      G-LO2 ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000     4.75E-16     4.23E-16     4.396531
34.554180 -210.072454    -2.17E-14
0.25000     4.75E-16     4.23E-16     4.396531
34.554180 -211.418891    -2.18E-14
0.50000     4.75E-16     4.23E-16     4.396531
34.554180 -212.765329    -2.20E-14
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L    F O R C E S

REL DIST            P            V2            V3
       T            M2           M3
0.75000     4.75E-16     4.23E-16     4.396531
34.554180 -214.111767    -2.21E-14
1.00000     4.75E-16     4.23E-16     4.396531
34.554180 -215.458204    -2.22E-14

LOAD      E-LO ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000      .000000      .000000      .000000
.000000      .000000      .000000
0.25000      .000000      .000000      .000000
.000000      .000000      .000000
0.50000      .000000      .000000      .000000
.000000      .000000      .000000
0.75000      .000000      .000000      .000000
.000000      .000000      .000000
1.00000      .000000      .000000      .000000
.000000      .000000      .000000

LOAD      W-TR ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000     14.369780     1087.314    -1.32E-13
1.96E-15    7.17E-14 -560.463070
0.25000     14.369780     1087.314    -1.32E-13
1.96E-15    1.12E-13 -893.452907
0.50000     14.369780     1087.314    -1.32E-13
1.96E-15    1.53E-13   -1226.443
0.75000     14.369780     1087.314    -1.32E-13
1.96E-15    1.93E-13   -1559.433
1.00000     14.369780     1087.314    -1.32E-13
1.96E-15    2.33E-13   -1892.422

LOAD        WL ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000     3.600712    145.961940    -1.77E-14
2.62E-16    9.53E-15   -74.514078
0.25000     3.600712    145.961940    -1.77E-14
2.62E-16    1.50E-14 -119.214922
0.50000     3.600712    145.961940    -1.77E-14
2.62E-16    2.04E-14 -163.915766
0.75000     3.600712    145.961940    -1.77E-14
2.62E-16    2.58E-14 -208.616610
1.00000     3.600712    145.961940    -1.77E-14
2.62E-16    3.12E-14 -253.317454

LOAD      G-TR ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000    -67.388843     -2.564738     2.33E-16
4.10E-16    4.55E-14 -362.871386
0.25000    -67.388843     -2.564738     2.33E-16
4.10E-16    4.54E-14 -362.085935
0.50000    -67.388843     -2.564738     2.33E-16
4.10E-16    4.53E-14 -361.300484
0.75000    -67.388843     -2.564738     2.33E-16
4.10E-16    4.53E-14 -360.515033
1.00000    -67.388843     -2.564738     2.33E-16
4.10E-16    4.52E-14 -359.729581

LOAD      E-TR ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000      .000000      .000000      .000000
.000000      .000000      .000000
0.25000      .000000      .000000      .000000
.000000      .000000      .000000
0.50000      .000000      .000000      .000000
.000000      .000000      .000000
0.75000      .000000      .000000      .000000
.000000      .000000      .000000
1.00000      .000000      .000000      .000000
.000000      .000000      .000000

LOAD      Q1-TR ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000     0.014015     0.568113    -6.90E-17
1.02E-18    3.71E-17   -0.290024
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L    F O R C E S

REL DIST            P            V2            V3
       T            M2           M3
0.25000     0.014015     0.568113    -6.90E-17
1.02E-18    5.82E-17   -0.464008
0.50000     0.014015     0.568113    -6.90E-17
1.02E-18    7.94E-17   -0.637993
0.75000     0.014015     0.568113    -6.90E-17
1.02E-18    1.00E-16   -0.811978
1.00000     0.014015     0.568113    -6.90E-17
1.02E-18    1.22E-16   -0.985963

LOAD    COL-TR ------------------

REL DIST            P            V2            V3
       T            M2           M3
0.00000     0.045539     1.846008    -2.24E-16
3.31E-18    1.21E-16   -0.942394
0.25000     0.045539     1.846008    -2.24E-16
3.31E-18    1.89E-16   -1.507734
0.50000     0.045539     1.846008    -2.24E-16
3.31E-18    2.58E-16   -2.073074
0.75000     0.045539     1.846008    -2.24E-16
3.31E-18    3.27E-16   -2.638414
1.00000     0.045539     1.846008    -2.24E-16
3.31E-18    3.95E-16   -3.203753

COMB    SVB01 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     397.993296     33.325588    -4.69E-15
3.47E-15    3.64E-13   -2904.006
0.25000     397.993296     68.496486    -8.95E-15
3.47E-15    3.66E-13   -2919.561
0.50000     397.993296    105.102932    -1.34E-14
3.47E-15    3.70E-13   -2946.107
0.75000     397.993296    143.144924    -1.80E-14
3.47E-15    3.75E-13   -2984.083
1.00000     397.993296    182.622463    -2.28E-14
3.47E-15    3.81E-13   -3033.930

COMB    SVB01 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     397.993296     33.325588    -4.69E-15
3.47E-15    3.64E-13   -2904.006
0.25000     397.993296     68.496486    -8.95E-15
3.47E-15    3.66E-13   -2919.561
0.50000     397.993296    105.102932    -1.34E-14
3.47E-15    3.70E-13   -2946.107
0.75000     397.993296    143.144924    -1.80E-14
3.47E-15    3.75E-13   -2984.083
1.00000     397.993296    182.622463    -2.28E-14
3.47E-15    3.81E-13   -3033.930

COMB    SVB02 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.328660     27.537131    -3.83E-15
2.63E-15    2.72E-13   -2170.997
0.25000     302.328660     62.708030    -8.09E-15
2.63E-15    2.74E-13   -2184.779
0.50000     302.328660     99.314475    -1.25E-14
2.63E-15    2.77E-13   -2209.552
0.75000     302.328660    137.356467    -1.71E-14
2.63E-15    2.82E-13   -2245.756
1.00000     302.328660    176.834006    -2.19E-14
2.63E-15    2.88E-13   -2293.830

COMB    SVB02 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.328660     27.537131    -3.83E-15
2.63E-15    2.72E-13   -2170.997
0.25000     302.328660     62.708030    -8.09E-15
2.63E-15    2.74E-13   -2184.779
0.50000     302.328660     99.314475    -1.25E-14
2.63E-15    2.77E-13   -2209.552
0.75000     302.328660    137.356467    -1.71E-14
2.63E-15    2.82E-13   -2245.756
1.00000     302.328660    176.834006    -2.19E-14
2.63E-15    2.88E-13   -2293.830
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L    F O R C E S

COMB    SVB03 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.328660     27.537131     5.959688
8.881358    -1.088203    -2170.997
0.25000     302.328660     62.708030     7.647891
8.881358    -3.170105    -2184.779
0.50000     302.328660     99.314475     9.405000
8.881358    -5.779570    -2209.552
0.75000     302.328660    137.356467    11.231016
8.881358    -8.937701    -2245.756
1.00000     302.328660    176.834006    13.125938
8.881358   -12.665601    -2293.830

COMB    SVB03 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.328660     27.537131     5.959688
8.881358    -1.088203    -2170.997
0.25000     302.328660     62.708030     7.647891
8.881358    -3.170105    -2184.779
0.50000     302.328660     99.314475     9.405000
8.881358    -5.779570    -2209.552
0.75000     302.328660    137.356467    11.231016
8.881358    -8.937701    -2245.756
1.00000     302.328660    176.834006    13.125938
8.881358   -12.665601    -2293.830

COMB    SVB04 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     397.993296     33.325588     2.979844
4.440679    -0.544101    -2904.006
0.25000     397.993296     68.496486     3.823945
4.440679    -1.585052    -2919.561
0.50000     397.993296    105.102932     4.702500
4.440679    -2.889785    -2946.107
0.75000     397.993296    143.144924     5.615508
4.440679    -4.468851    -2984.083
1.00000     397.993296    182.622463     6.562969
4.440679    -6.332801    -3033.930

COMB    SVB04 ------------------ MIN

REL DIST            P            V2            V3
       T            M2           M3
0.00000     397.993296     33.325588     2.979844
4.440679    -0.544101    -2904.006
0.25000     397.993296     68.496486     3.823945
4.440679    -1.585052    -2919.561
0.50000     397.993296    105.102932     4.702500
4.440679    -2.889785    -2946.107
0.75000     397.993296    143.144924     5.615508
4.440679    -4.468851    -2984.083
1.00000     397.993296    182.622463     6.562969
4.440679    -6.332801    -3033.930

COMB    SVB05 ------------------ MAX

REL DIST            P            V2            V3
       T            M2           M3
0.00000     302.328660     27.537131     2.979844
4.440679    -0.544101    -2170.997
0.25000     302.328660     62.708030     3.823945
4.440679    -1.585052    -2184.779
0.50000     302.328660     99.314475     4.702500
4.440679    -2.889785    -2209.552
0.75000     302.328660    137.356467     5.615508
4.440679    -4.468851    -2245.756
1.00000     302.328660    176.834006     6.562969
4.440679    -6.332801    -2293.830
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COMB SVB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	2.979844
4.440679	-0.544101	-2170.997	
0.25000	302.328660	62.708030	3.823945
4.440679	-1.585052	-2184.779	
0.50000	302.328660	99.314475	4.702500
4.440679	-2.889785	-2209.552	
0.75000	302.328660	137.356467	5.615508
4.440679	-4.468851	-2245.756	
1.00000	302.328660	176.834006	6.562969
4.440679	-6.332801	-2293.830	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	4.396531
34.554180	-210.072454	-2904.006	
0.25000	397.993296	68.496486	4.396531
34.554180	-211.418891	-2919.561	
0.50000	397.993296	105.102932	4.396531
34.554180	-212.765329	-2946.107	
0.75000	397.993296	143.144924	4.396531
34.554180	-214.111767	-2984.083	
1.00000	397.993296	182.622463	4.396531
34.554180	-215.458204	-3033.930	

COMB SVB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	4.396531
34.554180	-210.072454	-2904.006	
0.25000	397.993296	68.496486	4.396531
34.554180	-211.418891	-2919.561	
0.50000	397.993296	105.102932	4.396531
34.554180	-212.765329	-2946.107	
0.75000	397.993296	143.144924	4.396531
34.554180	-214.111767	-2984.083	
1.00000	397.993296	182.622463	4.396531
34.554180	-215.458204	-3033.930	

COMB SVB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	-4.69E-15
3.47E-15	3.64E-13	-2904.006	
0.25000	397.993296	68.496486	-8.95E-15
3.47E-15	3.66E-13	-2919.561	
0.50000	397.993296	105.102932	-1.34E-14
3.47E-15	3.70E-13	-2946.107	
0.75000	397.993296	143.144924	-1.80E-14
3.47E-15	3.75E-13	-2984.083	
1.00000	397.993296	182.622463	-2.28E-14
3.47E-15	3.81E-13	-3033.930	

COMB SVB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	-4.69E-15
3.47E-15	3.64E-13	-2904.006	
0.25000	397.993296	68.496486	-8.95E-15
3.47E-15	3.66E-13	-2919.561	
0.50000	397.993296	105.102932	-1.34E-14
3.47E-15	3.70E-13	-2946.107	
0.75000	397.993296	143.144924	-1.80E-14
3.47E-15	3.75E-13	-2984.083	
1.00000	397.993296	182.622463	-2.28E-14
3.47E-15	3.81E-13	-3033.930	

COMB SVB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	4.396531
34.554180	-210.072454	-2170.997	
0.25000	302.328660	62.708030	4.396531
34.554180	-211.418891	-2184.779	
0.50000	302.328660	99.314475	4.396531
34.554180	-212.765329	-2209.552	
0.75000	302.328660	137.356467	4.396531
34.554180	-214.111767	-2245.756	
1.00000	302.328660	176.834006	4.396531
34.554180	-215.458204	-2293.830	

COMB SVB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	4.396531
34.554180	-210.072454	-2170.997	
0.25000	302.328660	62.708030	4.396531
34.554180	-211.418891	-2184.779	
0.50000	302.328660	99.314475	4.396531
34.554180	-212.765329	-2209.552	
0.75000	302.328660	137.356467	4.396531
34.554180	-214.111767	-2245.756	
1.00000	302.328660	176.834006	4.396531
34.554180	-215.458204	-2293.830	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB SVB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB SVB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	10.356219
43.435538	-211.160656	-2170.997	
0.25000	302.328660	62.708030	12.044422
43.435538	-214.588996	-2184.779	
0.50000	302.328660	99.314475	13.801531
43.435538	-218.544899	-2209.552	
0.75000	302.328660	137.356467	15.627547
43.435538	-223.049468	-2245.756	
1.00000	302.328660	176.834006	17.522469
43.435538	-228.123806	-2293.830	

COMB SVB10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	10.356219
43.435538	-211.160656	-2170.997	
0.25000	302.328660	62.708030	12.044422
43.435538	-214.588996	-2184.779	
0.50000	302.328660	99.314475	13.801531
43.435538	-218.544899	-2209.552	
0.75000	302.328660	137.356467	15.627547
43.435538	-223.049468	-2245.756	
1.00000	302.328660	176.834006	17.522469
43.435538	-228.123806	-2293.830	

COMB SVB11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	5.959688
8.881358	-1.088203	-2170.997	
0.25000	302.328660	62.708030	7.647891
8.881358	-3.170105	-2184.779	
0.50000	302.328660	99.314475	9.405000
8.881358	-5.779570	-2209.552	
0.75000	302.328660	137.356467	11.231016
8.881358	-8.937701	-2245.756	
1.00000	302.328660	176.834006	13.125938
8.881358	-12.665601	-2293.830	

COMB SVB11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	5.959688
8.881358	-1.088203	-2170.997	
0.25000	302.328660	62.708030	7.647891
8.881358	-3.170105	-2184.779	
0.50000	302.328660	99.314475	9.405000
8.881358	-5.779570	-2209.552	
0.75000	302.328660	137.356467	11.231016
8.881358	-8.937701	-2245.756	
1.00000	302.328660	176.834006	13.125938
8.881358	-12.665601	-2293.830	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	7.376375
38.994859	-210.616555	-2904.006	
0.25000	397.993296	68.496486	8.220477
38.994859	-213.003944	-2919.561	
0.50000	397.993296	105.102932	9.099031
38.994859	-215.655114	-2946.107	
0.75000	397.993296	143.144924	10.012039
38.994859	-218.580617	-2984.083	
1.00000	397.993296	182.622463	10.959500
38.994859	-221.791005	-3033.930	

COMB SVB12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	7.376375
38.994859	-210.616555	-2904.006	
0.25000	397.993296	68.496486	8.220477
38.994859	-213.003944	-2919.561	
0.50000	397.993296	105.102932	9.099031
38.994859	-215.655114	-2946.107	
0.75000	397.993296	143.144924	10.012039
38.994859	-218.580617	-2984.083	
1.00000	397.993296	182.622463	10.959500
38.994859	-221.791005	-3033.930	

COMB SVB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	2.979844
4.440679	-0.544101	-2904.006	
0.25000	397.993296	68.496486	3.823945
4.440679	-1.585052	-2919.561	
0.50000	397.993296	105.102932	4.702500
4.440679	-2.889785	-2946.107	
0.75000	397.993296	143.144924	5.615508
4.440679	-4.468851	-2984.083	
1.00000	397.993296	182.622463	6.562969
4.440679	-6.332801	-3033.930	

COMB SVB13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	33.325588	2.979844
4.440679	-0.544101	-2904.006	
0.25000	397.993296	68.496486	3.823945
4.440679	-1.585052	-2919.561	
0.50000	397.993296	105.102932	4.702500
4.440679	-2.889785	-2946.107	
0.75000	397.993296	143.144924	5.615508
4.440679	-4.468851	-2984.083	
1.00000	397.993296	182.622463	6.562969
4.440679	-6.332801	-3033.930	

COMB SVB14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	7.376375
38.994859	-210.616555	-2170.997	
0.25000	302.328660	62.708030	8.220477
38.994859	-213.003944	-2184.779	
0.50000	302.328660	99.314475	9.099031
38.994859	-215.655114	-2209.552	
0.75000	302.328660	137.356467	10.012039
38.994859	-218.580617	-2245.756	
1.00000	302.328660	176.834006	10.959500
38.994859	-221.791005	-2293.830	

COMB SVB14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	7.376375
38.994859	-210.616555	-2170.997	
0.25000	302.328660	62.708030	8.220477
38.994859	-213.003944	-2184.779	
0.50000	302.328660	99.314475	9.099031
38.994859	-215.655114	-2209.552	
0.75000	302.328660	137.356467	10.012039
38.994859	-218.580617	-2245.756	
1.00000	302.328660	176.834006	10.959500
38.994859	-221.791005	-2293.830	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	2.979844
4.440679	-0.544101	-2170.997	
0.25000	302.328660	62.708030	3.823945
4.440679	-1.585052	-2184.779	
0.50000	302.328660	99.314475	4.702500
4.440679	-2.889785	-2209.552	
0.75000	302.328660	137.356467	5.615508
4.440679	-4.468851	-2245.756	
1.00000	302.328660	176.834006	6.562969
4.440679	-6.332801	-2293.830	

COMB SVB15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	2.979844
4.440679	-0.544101	-2170.997	
0.25000	302.328660	62.708030	3.823945
4.440679	-1.585052	-2184.779	
0.50000	302.328660	99.314475	4.702500
4.440679	-2.889785	-2209.552	
0.75000	302.328660	137.356467	5.615508
4.440679	-4.468851	-2245.756	
1.00000	302.328660	176.834006	6.562969
4.440679	-6.332801	-2293.830	

COMB ULB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	48.243452	-6.83E-15
5.22E-15	5.52E-13	-4398.266	
0.25000	598.706226	93.965620	-1.24E-14
5.22E-15	5.55E-13	-4419.994	
0.50000	598.706226	141.553999	-1.81E-14
5.22E-15	5.59E-13	-4456.010	
0.75000	598.706226	191.008589	-2.41E-14
5.22E-15	5.66E-13	-4506.886	
1.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	

COMB ULB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	48.243452	-6.83E-15
5.22E-15	5.52E-13	-4398.266	
0.25000	598.706226	93.965620	-1.24E-14
5.22E-15	5.55E-13	-4419.994	
0.50000	598.706226	141.553999	-1.81E-14
5.22E-15	5.59E-13	-4456.010	
0.75000	598.706226	191.008589	-2.41E-14
5.22E-15	5.66E-13	-4506.886	
1.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	

COMB ULB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	
0.25000	393.027257	81.520439	-1.05E-14
3.41E-15	3.57E-13	-2840.213	
0.50000	393.027257	129.108818	-1.63E-14
3.41E-15	3.61E-13	-2872.418	
0.75000	393.027257	178.563407	-2.23E-14
3.41E-15	3.67E-13	-2919.483	
1.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	

COMB ULB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	
0.25000	393.027257	81.520439	-1.05E-14
3.41E-15	3.57E-13	-2840.213	
0.50000	393.027257	129.108818	-1.63E-14
3.41E-15	3.61E-13	-2872.418	
0.75000	393.027257	178.563407	-2.23E-14
3.41E-15	3.67E-13	-2919.483	
1.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	7.747594
11.545765	-1.414664	-2822.296	
0.25000	393.027257	81.520439	9.942258
11.545765	-4.121136	-2840.213	
0.50000	393.027257	129.108818	12.226500
11.545765	-7.513441	-2872.418	
0.75000	393.027257	178.563407	14.600320
11.545765	-11.619012	-2919.483	
1.00000	393.027257	229.884208	17.063719
11.545765	-16.465282	-2981.979	

COMB ULB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	7.747594
11.545765	-1.414664	-2822.296	
0.25000	393.027257	81.520439	9.942258
11.545765	-4.121136	-2840.213	
0.50000	393.027257	129.108818	12.226500
11.545765	-7.513441	-2872.418	
0.75000	393.027257	178.563407	14.600320
11.545765	-11.619012	-2919.483	
1.00000	393.027257	229.884208	17.063719
11.545765	-16.465282	-2981.979	

COMB ULB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	43.323264	3.873797
5.772883	-0.707332	-3775.208	
0.25000	517.391285	89.045432	4.971129
5.772883	-2.060568	-3795.429	
0.50000	517.391285	136.633811	6.113250
5.772883	-3.756721	-3829.939	
0.75000	517.391285	186.088401	7.300160
5.772883	-5.809506	-3879.308	
1.00000	517.391285	237.409202	8.531859
5.772883	-8.232641	-3944.109	

COMB ULB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	43.323264	3.873797
5.772883	-0.707332	-3775.208	
0.25000	517.391285	89.045432	4.971129
5.772883	-2.060568	-3795.429	
0.50000	517.391285	136.633811	6.113250
5.772883	-3.756721	-3829.939	
0.75000	517.391285	186.088401	7.300160
5.772883	-5.809506	-3879.308	
1.00000	517.391285	237.409202	8.531859
5.772883	-8.232641	-3944.109	

COMB ULB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	3.873797
5.772883	-0.707332	-2822.296	
0.25000	393.027257	81.520439	4.971129
5.772883	-2.060568	-2840.213	
0.50000	393.027257	129.108818	6.113250
5.772883	-3.756721	-2872.418	
0.75000	393.027257	178.563407	7.300160
5.772883	-5.809506	-2919.483	
1.00000	393.027257	229.884208	8.531859
5.772883	-8.232641	-2981.979	

COMB ULB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	3.873797
5.772883	-0.707332	-2822.296	
0.25000	393.027257	81.520439	4.971129
5.772883	-2.060568	-2840.213	
0.50000	393.027257	129.108818	6.113250
5.772883	-3.756721	-2872.418	
0.75000	393.027257	178.563407	7.300160
5.772883	-5.809506	-2919.483	
1.00000	393.027257	229.884208	8.531859
5.772883	-8.232641	-2981.979	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	43.323264	5.715491
44.920434	-273.094190	-3775.208	
0.25000	517.391285	89.045432	5.715491
44.920434	-274.844559	-3795.429	
0.50000	517.391285	136.633811	5.715491
44.920434	-276.594928	-3829.939	
0.75000	517.391285	186.088401	5.715491
44.920434	-278.345297	-3879.308	
1.00000	517.391285	237.409202	5.715491
44.920434	-280.095666	-3944.109	

COMB ULB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	43.323264	5.715491
44.920434	-273.094190	-3775.208	
0.25000	517.391285	89.045432	5.715491
44.920434	-274.844559	-3795.429	
0.50000	517.391285	136.633811	5.715491
44.920434	-276.594928	-3829.939	
0.75000	517.391285	186.088401	5.715491
44.920434	-278.345297	-3879.308	
1.00000	517.391285	237.409202	5.715491
44.920434	-280.095666	-3944.109	

COMB ULB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	
0.25000	517.391285	89.045432	-1.16E-14
4.51E-15	4.76E-13	-3795.429	
0.50000	517.391285	136.633811	-1.74E-14
4.51E-15	4.81E-13	-3829.939	
0.75000	517.391285	186.088401	-2.34E-14
4.51E-15	4.87E-13	-3879.308	
1.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	

COMB ULB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	
0.25000	517.391285	89.045432	-1.16E-14
4.51E-15	4.76E-13	-3795.429	
0.50000	517.391285	136.633811	-1.74E-14
4.51E-15	4.81E-13	-3829.939	
0.75000	517.391285	186.088401	-2.34E-14
4.51E-15	4.87E-13	-3879.308	
1.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	

COMB ULB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	5.715491
44.920434	-273.094190	-2822.296	
0.25000	393.027257	81.520439	5.715491
44.920434	-274.844559	-2840.213	
0.50000	393.027257	129.108818	5.715491
44.920434	-276.594928	-2872.418	
0.75000	393.027257	178.563407	5.715491
44.920434	-278.345297	-2919.483	
1.00000	393.027257	229.884208	5.715491
44.920434	-280.095666	-2981.979	

COMB ULB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	35.798271	5.715491
44.920434	-273.094190	-2822.296	
0.25000	393.027257	81.520439	5.715491
44.920434	-274.844559	-2840.213	
0.50000	393.027257	129.108818	5.715491

44.920434 -276.594928 -2872.418
0.75000 393.027257 178.563407 5.715491
44.920434 -278.345297 -2919.483
1.00000 393.027257 229.884208 5.715491
44.920434 -280.095666 -2981.979

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	
0.25000	393.027257	81.520439	-1.05E-14
3.41E-15	3.57E-13	-2840.213	
0.50000	393.027257	129.108818	-1.63E-14
3.41E-15	3.61E-13	-2872.418	
0.75000	393.027257	178.563407	-2.23E-14
3.41E-15	3.67E-13	-2919.483	
1.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	

COMB ULB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	35.798271	-4.98E-15
3.41E-15	3.54E-13	-2822.296	
0.25000	393.027257	81.520439	-1.05E-14
3.41E-15	3.57E-13	-2840.213	
0.50000	393.027257	129.108818	-1.63E-14
3.41E-15	3.61E-13	-2872.418	
0.75000	393.027257	178.563407	-2.23E-14
3.41E-15	3.67E-13	-2919.483	
1.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	

COMB ULB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	12.945273
54.294422	-263.950821	-2713.747	
0.25000	377.910824	78.385037	15.055527
54.294422	-268.236245	-2730.974	
0.50000	377.910824	124.143094	17.251914
54.294422	-273.181124	-2761.941	
0.75000	377.910824	171.695584	19.534434
54.294422	-278.811835	-2807.195	
1.00000	377.910824	221.042508	21.903086
54.294422	-285.154757	-2867.287	

COMB ULB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	12.945273
54.294422	-263.950821	-2713.747	
0.25000	377.910824	78.385037	15.055527
54.294422	-268.236245	-2730.974	
0.50000	377.910824	124.143094	17.251914
54.294422	-273.181124	-2761.941	
0.75000	377.910824	171.695584	19.534434
54.294422	-278.811835	-2807.195	
1.00000	377.910824	221.042508	21.903086
54.294422	-285.154757	-2867.287	

COMB ULB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	7.449610
11.101697	-1.360254	-2713.747	
0.25000	377.910824	78.385037	9.559863
11.101697	-3.962631	-2730.974	
0.50000	377.910824	124.143094	11.756250
11.101697	-7.224463	-2761.941	
0.75000	377.910824	171.695584	14.038770
11.101697	-11.172127	-2807.195	
1.00000	377.910824	221.042508	16.407422
11.101697	-15.832002	-2867.287	

COMB ULB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	7.449610
11.101697	-1.360254	-2713.747	
0.25000	377.910824	78.385037	9.559863
11.101697	-3.962631	-2730.974	
0.50000	377.910824	124.143094	11.756250
11.101697	-7.224463	-2761.941	
0.75000	377.910824	171.695584	14.038770
11.101697	-11.172127	-2807.195	
1.00000	377.910824	221.042508	16.407422
11.101697	-15.832002	-2867.287	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	41.656985	9.220469
48.743573	-263.270694	-3630.008	
0.25000	497.491620	85.620608	10.275596
48.743573	-266.254930	-3649.451	
0.50000	497.491620	131.378664	11.373789
48.743573	-269.568893	-3682.634	
0.75000	497.491620	178.931155	12.515049
48.743573	-273.225772	-3730.104	
1.00000	497.491620	228.278079	13.699375
48.743573	-277.238756	-3792.412	

COMB ULB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	41.656985	9.220469
48.743573	-263.270694	-3630.008	
0.25000	497.491620	85.620608	10.275596
48.743573	-266.254930	-3649.451	
0.50000	497.491620	131.378664	11.373789
48.743573	-269.568893	-3682.634	
0.75000	497.491620	178.931155	12.515049
48.743573	-273.225772	-3730.104	
1.00000	497.491620	228.278079	13.699375
48.743573	-277.238756	-3792.412	

COMB ULB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	41.656985	3.724805
5.550849	-0.680127	-3630.008	
0.25000	497.491620	85.620608	4.779932
5.550849	-1.981315	-3649.451	
0.50000	497.491620	131.378664	5.878125
5.550849	-3.612231	-3682.634	
0.75000	497.491620	178.931155	7.019385
5.550849	-5.586063	-3730.104	
1.00000	497.491620	228.278079	8.203711
5.550849	-7.916001	-3792.412	

COMB ULB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	41.656985	3.724805
5.550849	-0.680127	-3630.008	
0.25000	497.491620	85.620608	4.779932
5.550849	-1.981315	-3649.451	
0.50000	497.491620	131.378664	5.878125
5.550849	-3.612231	-3682.634	
0.75000	497.491620	178.931155	7.019385
5.550849	-5.586063	-3730.104	
1.00000	497.491620	228.278079	8.203711
5.550849	-7.916001	-3792.412	

COMB ULB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	9.220469
48.743573	-263.270694	-2713.747	
0.25000	377.910824	78.385037	10.275596
48.743573	-266.254930	-2730.974	
0.50000	377.910824	124.143094	11.373789
48.743573	-269.568893	-2761.941	
0.75000	377.910824	171.695584	12.515049
48.743573	-273.225772	-2807.195	
1.00000	377.910824	221.042508	13.699375
48.743573	-277.238756	-2867.287	

COMB ULB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	9.220469
48.743573	-263.270694	-2713.747	
0.25000	377.910824	78.385037	10.275596
48.743573	-266.254930	-2730.974	
0.50000	377.910824	124.143094	11.373789
48.743573	-269.568893	-2761.941	
0.75000	377.910824	171.695584	12.515049
48.743573	-273.225772	-2807.195	
1.00000	377.910824	221.042508	13.699375
48.743573	-277.238756	-2867.287	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	3.724805
5.550849	-0.680127	-2713.747	
0.25000	377.910824	78.385037	4.779932
5.550849	-1.981315	-2730.974	
0.50000	377.910824	124.143094	5.878125
5.550849	-3.612231	-2761.941	
0.75000	377.910824	171.695584	7.019385
5.550849	-5.586063	-2807.195	
1.00000	377.910824	221.042508	8.203711
5.550849	-7.916001	-2867.287	

COMB ULB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	34.421414	3.724805
5.550849	-0.680127	-2713.747	
0.25000	377.910824	78.385037	4.779932
5.550849	-1.981315	-2730.974	
0.50000	377.910824	124.143094	5.878125
5.550849	-3.612231	-2761.941	
0.75000	377.910824	171.695584	7.019385
5.550849	-5.586063	-2807.195	
1.00000	377.910824	221.042508	8.203711
5.550849	-7.916001	-2867.287	

COMB ULB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB ULB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB ULB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	
0.25000	517.391285	89.045432	-1.16E-14
4.51E-15	4.76E-13	-3795.429	
0.50000	517.391285	136.633811	-1.74E-14
4.51E-15	4.81E-13	-3829.939	
0.75000	517.391285	186.088401	-2.34E-14
4.51E-15	4.87E-13	-3879.308	
1.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	

COMB ULB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	43.323264	-6.10E-15
4.51E-15	4.74E-13	-3775.208	
0.25000	517.391285	89.045432	-1.16E-14
4.51E-15	4.76E-13	-3795.429	
0.50000	517.391285	136.633811	-1.74E-14
4.51E-15	4.81E-13	-3829.939	
0.75000	517.391285	186.088401	-2.34E-14
4.51E-15	4.87E-13	-3879.308	
1.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	33.044558	7.151625
10.657629	-1.305843	-2605.197	
0.25000	362.794391	75.249636	9.177469
10.657629	-3.804126	-2621.735	
0.50000	362.794391	119.177370	11.286000
10.657629	-6.935484	-2651.463	
0.75000	362.794391	164.827761	13.477219
10.657629	-10.725242	-2694.907	
1.00000	362.794391	212.200808	15.751125
10.657629	-15.198722	-2752.596	

COMB ULB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	33.044558	7.151625
10.657629	-1.305843	-2605.197	
0.25000	362.794391	75.249636	9.177469
10.657629	-3.804126	-2621.735	
0.50000	362.794391	119.177370	11.286000
10.657629	-6.935484	-2651.463	
0.75000	362.794391	164.827761	13.477219
10.657629	-10.725242	-2694.907	
1.00000	362.794391	212.200808	15.751125
10.657629	-15.198722	-2752.596	

COMB UEB01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	39.982313	-5.68E-15
4.43E-15	4.70E-13	-3746.967	
0.25000	508.007629	75.153211	-9.94E-15
4.43E-15	4.72E-13	-3764.560	
0.50000	508.007629	111.759657	-1.44E-14
4.43E-15	4.76E-13	-3793.145	
0.75000	508.007629	149.801649	-1.90E-14
4.43E-15	4.81E-13	-3833.160	
1.00000	508.007629	189.279188	-2.38E-14
4.43E-15	4.88E-13	-3885.045	

COMB UEB01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	39.982313	-5.68E-15
4.43E-15	4.70E-13	-3746.967	
0.25000	508.007629	75.153211	-9.94E-15
4.43E-15	4.72E-13	-3764.560	
0.50000	508.007629	111.759657	-1.44E-14
4.43E-15	4.76E-13	-3793.145	
0.75000	508.007629	149.801649	-1.90E-14
4.43E-15	4.81E-13	-3833.160	
1.00000	508.007629	189.279188	-2.38E-14
4.43E-15	4.88E-13	-3885.045	

COMB UEB02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB UEB02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	7.747594
11.545765	-1.414664	-2170.997	
0.25000	302.328660	62.708030	9.942258
11.545765	-4.121136	-2184.779	
0.50000	302.328660	99.314475	12.226500
11.545765	-7.513441	-2209.552	
0.75000	302.328660	137.356467	14.600320
11.545765	-11.619012	-2245.756	
1.00000	302.328660	176.834006	17.063719
11.545765	-16.465282	-2293.830	

COMB UEB03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	7.747594
11.545765	-1.414664	-2170.997	
0.25000	302.328660	62.708030	9.942258
11.545765	-4.121136	-2184.779	
0.50000	302.328660	99.314475	12.226500
11.545765	-7.513441	-2209.552	
0.75000	302.328660	137.356467	14.600320
11.545765	-11.619012	-2245.756	
1.00000	302.328660	176.834006	17.063719
11.545765	-16.465282	-2293.830	

COMB UEB04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	3.873797
5.772883	-0.707332	-3123.909	
0.25000	426.692687	70.233023	4.971129
5.772883	-2.060568	-3139.996	
0.50000	426.692687	106.839469	6.113250
5.772883	-3.756721	-3167.073	
0.75000	426.692687	144.881461	7.300160
5.772883	-5.809506	-3205.581	
1.00000	426.692687	184.359000	8.531859
5.772883	-8.232641	-3255.960	

COMB UEB04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	3.873797
5.772883	-0.707332	-3123.909	
0.25000	426.692687	70.233023	4.971129
5.772883	-2.060568	-3139.996	
0.50000	426.692687	106.839469	6.113250
5.772883	-3.756721	-3167.073	
0.75000	426.692687	144.881461	7.300160
5.772883	-5.809506	-3205.581	
1.00000	426.692687	184.359000	8.531859
5.772883	-8.232641	-3255.960	

COMB UEB05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	3.873797
5.772883	-0.707332	-2170.997	
0.25000	302.328660	62.708030	4.971129
5.772883	-2.060568	-2184.779	
0.50000	302.328660	99.314475	6.113250
5.772883	-3.756721	-2209.552	
0.75000	302.328660	137.356467	7.300160
5.772883	-5.809506	-2245.756	
1.00000	302.328660	176.834006	8.531859
5.772883	-8.232641	-2293.830	

COMB UEB05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	3.873797
5.772883	-0.707332	-2170.997	
0.25000	302.328660	62.708030	4.971129
5.772883	-2.060568	-2184.779	
0.50000	302.328660	99.314475	6.113250
5.772883	-3.756721	-2209.552	
0.75000	302.328660	137.356467	7.300160
5.772883	-5.809506	-2245.756	
1.00000	302.328660	176.834006	8.531859
5.772883	-8.232641	-2293.830	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	5.715491
44.920434	-273.094190	-3123.909	
0.25000	426.692687	70.233023	5.715491
44.920434	-274.844559	-3139.996	
0.50000	426.692687	106.839469	5.715491
44.920434	-276.594928	-3167.073	
0.75000	426.692687	144.881461	5.715491
44.920434	-278.345297	-3205.581	
1.00000	426.692687	184.359000	5.715491
44.920434	-280.095666	-3255.960	

COMB UEB06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	5.715491
44.920434	-273.094190	-3123.909	
0.25000	426.692687	70.233023	5.715491
44.920434	-274.844559	-3139.996	
0.50000	426.692687	106.839469	5.715491
44.920434	-276.594928	-3167.073	
0.75000	426.692687	144.881461	5.715491
44.920434	-278.345297	-3205.581	
1.00000	426.692687	184.359000	5.715491
44.920434	-280.095666	-3255.960	

COMB UEB07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	
0.25000	426.692687	70.233023	-9.21E-15
3.72E-15	3.94E-13	-3139.996	
0.50000	426.692687	106.839469	-1.36E-14
3.72E-15	3.98E-13	-3167.073	
0.75000	426.692687	144.881461	-1.83E-14
3.72E-15	4.02E-13	-3205.581	
1.00000	426.692687	184.359000	-2.30E-14
3.72E-15	4.09E-13	-3255.960	

COMB UEB07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	
0.25000	426.692687	70.233023	-9.21E-15
3.72E-15	3.94E-13	-3139.996	
0.50000	426.692687	106.839469	-1.36E-14
3.72E-15	3.98E-13	-3167.073	
0.75000	426.692687	144.881461	-1.83E-14
3.72E-15	4.02E-13	-3205.581	
1.00000	426.692687	184.359000	-2.30E-14
3.72E-15	4.09E-13	-3255.960	

COMB UEB08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	5.715491
44.920434	-273.094190	-2170.997	
0.25000	302.328660	62.708030	5.715491
44.920434	-274.844559	-2184.779	
0.50000	302.328660	99.314475	5.715491
44.920434	-276.594928	-2209.552	
0.75000	302.328660	137.356467	5.715491
44.920434	-278.345297	-2245.756	
1.00000	302.328660	176.834006	5.715491
44.920434	-280.095666	-2293.830	

COMB UEB08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	5.715491
44.920434	-273.094190	-2170.997	
0.25000	302.328660	62.708030	5.715491
44.920434	-274.844559	-2184.779	
0.50000	302.328660	99.314475	5.715491
44.920434	-276.594928	-2209.552	
0.75000	302.328660	137.356467	5.715491
44.920434	-278.345297	-2245.756	
1.00000	302.328660	176.834006	5.715491
44.920434	-280.095666	-2293.830	

FRAME ELEMENT INTERNAL FORCES

COMB UEB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB UEB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB UEB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	12.945273
54.294422	-263.950821	-2062.447	
0.25000	287.212227	59.572628	15.055527
54.294422	-268.236245	-2075.540	
0.50000	287.212227	94.348751	17.251914
54.294422	-273.181124	-2099.075	
0.75000	287.212227	130.488644	19.534434
54.294422	-278.811835	-2133.468	
1.00000	287.212227	167.992306	21.903086
54.294422	-285.154757	-2179.138	

COMB UEB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	12.945273
54.294422	-263.950821	-2062.447	
0.25000	287.212227	59.572628	15.055527
54.294422	-268.236245	-2075.540	
0.50000	287.212227	94.348751	17.251914
54.294422	-273.181124	-2099.075	
0.75000	287.212227	130.488644	19.534434
54.294422	-278.811835	-2133.468	
1.00000	287.212227	167.992306	21.903086
54.294422	-285.154757	-2179.138	

COMB UEB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	7.449610
11.101697	-1.360254	-2062.447	
0.25000	287.212227	59.572628	9.559863
11.101697	-3.962631	-2075.540	
0.50000	287.212227	94.348751	11.756250
11.101697	-7.224463	-2099.075	
0.75000	287.212227	130.488644	14.038770
11.101697	-11.172127	-2133.468	
1.00000	287.212227	167.992306	16.407422
11.101697	-15.832002	-2179.138	

COMB UEB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	7.449610
11.101697	-1.360254	-2062.447	
0.25000	287.212227	59.572628	9.559863
11.101697	-3.962631	-2075.540	
0.50000	287.212227	94.348751	11.756250
11.101697	-7.224463	-2099.075	
0.75000	287.212227	130.488644	14.038770
11.101697	-11.172127	-2133.468	
1.00000	287.212227	167.992306	16.407422
11.101697	-15.832002	-2179.138	

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FRAME ELEMENT INTERNAL FORCES

COMB UEB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	33.395845	9.220469
48.743573	-263.270694	-2978.709	
0.25000	406.793023	66.808199	10.275596
48.743573	-266.254930	-2994.018	
0.50000	406.793023	101.584322	11.373789
48.743573	-269.568893	-3019.768	
0.75000	406.793023	137.724215	12.515049
48.743573	-273.225772	-3056.377	
1.00000	406.793023	175.227877	13.699375
48.743573	-277.238756	-3104.263	

COMB UEB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	33.395845	9.220469
48.743573	-263.270694	-2978.709	
0.25000	406.793023	66.808199	10.275596
48.743573	-266.254930	-2994.018	
0.50000	406.793023	101.584322	11.373789
48.743573	-269.568893	-3019.768	
0.75000	406.793023	137.724215	12.515049
48.743573	-273.225772	-3056.377	
1.00000	406.793023	175.227877	13.699375
48.743573	-277.238756	-3104.263	

COMB UEB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	33.395845	3.724805
5.550849	-0.680127	-2978.709	
0.25000	406.793023	66.808199	4.779932
5.550849	-1.981315	-2994.018	
0.50000	406.793023	101.584322	5.878125
5.550849	-3.612231	-3019.768	
0.75000	406.793023	137.724215	7.019385
5.550849	-5.586063	-3056.377	
1.00000	406.793023	175.227877	8.203711
5.550849	-7.916001	-3104.263	

COMB UEB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	406.793023	33.395845	3.724805
5.550849	-0.680127	-2978.709	
0.25000	406.793023	66.808199	4.779932
5.550849	-1.981315	-2994.018	
0.50000	406.793023	101.584322	5.878125
5.550849	-3.612231	-3019.768	
0.75000	406.793023	137.724215	7.019385
5.550849	-5.586063	-3056.377	
1.00000	406.793023	175.227877	8.203711
5.550849	-7.916001	-3104.263	

COMB UEB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	9.220469
48.743573	-263.270694	-2062.447	
0.25000	287.212227	59.572628	10.275596
48.743573	-266.254930	-2075.540	
0.50000	287.212227	94.348751	11.373789
48.743573	-269.568893	-2099.075	
0.75000	287.212227	130.488644	12.515049
48.743573	-273.225772	-2133.468	
1.00000	287.212227	167.992306	13.699375
48.743573	-277.238756	-2179.138	

COMB UEB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	9.220469
48.743573	-263.270694	-2062.447	
0.25000	287.212227	59.572628	10.275596
48.743573	-266.254930	-2075.540	
0.50000	287.212227	94.348751	11.373789
48.743573	-269.568893	-2099.075	
0.75000	287.212227	130.488644	12.515049
48.743573	-273.225772	-2133.468	
1.00000	287.212227	167.992306	13.699375
48.743573	-277.238756	-2179.138	

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FRAME ELEMENT INTERNAL FORCES

COMB UEB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	3.724805
5.550849	-0.680127	-2062.447	
0.25000	287.212227	59.572628	4.779932
5.550849	-1.981315	-2075.540	
0.50000	287.212227	94.348751	5.878125
5.550849	-3.612231	-2099.075	
0.75000	287.212227	130.488644	7.019385
5.550849	-5.586063	-2133.468	
1.00000	287.212227	167.992306	8.203711
5.550849	-7.916001	-2179.138	

COMB UEB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	287.212227	26.160275	3.724805
5.550849	-0.680127	-2062.447	
0.25000	287.212227	59.572628	4.779932
5.550849	-1.981315	-2075.540	
0.50000	287.212227	94.348751	5.878125
5.550849	-3.612231	-2099.075	
0.75000	287.212227	130.488644	7.019385
5.550849	-5.586063	-2133.468	
1.00000	287.212227	167.992306	8.203711
5.550849	-7.916001	-2179.138	

COMB UEB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB UEB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	27.537131	-3.83E-15
2.63E-15	2.72E-13	-2170.997	
0.25000	302.328660	62.708030	-8.09E-15
2.63E-15	2.74E-13	-2184.779	
0.50000	302.328660	99.314475	-1.25E-14
2.63E-15	2.77E-13	-2209.552	
0.75000	302.328660	137.356467	-1.71E-14
2.63E-15	2.82E-13	-2245.756	
1.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	

COMB UEB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	
0.25000	426.692687	70.233023	-9.21E-15
3.72E-15	3.94E-13	-3139.996	
0.50000	426.692687	106.839469	-1.36E-14
3.72E-15	3.98E-13	-3167.073	
0.75000	426.692687	144.881461	-1.83E-14
3.72E-15	4.02E-13	-3205.581	
1.00000	426.692687	184.359000	-2.30E-14
3.72E-15	4.09E-13	-3255.960	

COMB UEB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	35.062125	-4.95E-15
3.72E-15	3.92E-13	-3123.909	
0.25000	426.692687	70.233023	-9.21E-15
3.72E-15	3.94E-13	-3139.996	
0.50000	426.692687	106.839469	-1.36E-14
3.72E-15	3.98E-13	-3167.073	
0.75000	426.692687	144.881461	-1.83E-14
3.72E-15	4.02E-13	-3205.581	
1.00000	426.692687	184.359000	-2.30E-14
3.72E-15	4.09E-13	-3255.960	

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FRAME ELEMENT INTERNAL FORCES

COMB UEB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	272.095794	24.783418	7.151625
10.657629	-1.305843	-1953.897	
0.25000	272.095794	56.437227	9.177469
10.657629	-3.804126	-1966.301	
0.50000	272.095794	89.383028	11.286000
10.657629	-6.935484	-1988.597	
0.75000	272.095794	123.620820	13.477219
10.657629	-10.725242	-2021.180	
1.00000	272.095794	159.150606	15.751125
10.657629	-15.198722	-2064.447	

COMB UEB18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	272.095794	24.783418	7.151625
10.657629	-1.305843	-1953.897	
0.25000	272.095794	56.437227	9.177469
10.657629	-3.804126	-1966.301	
0.50000	272.095794	89.383028	11.286000
10.657629	-6.935484	-1988.597	
0.75000	272.095794	123.620820	13.477219
10.657629	-10.725242	-2021.180	
1.00000	272.095794	159.150606	15.751125
10.657629	-15.198722	-2064.447	

COMB SVO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	
0.25000	398.007311	69.064600	-9.02E-15
3.47E-15	3.67E-13	-2920.025	
0.50000	398.007311	105.671045	-1.35E-14
3.47E-15	3.70E-13	-2946.745	
0.75000	398.007311	143.713037	-1.81E-14
3.47E-15	3.75E-13	-2984.895	
1.00000	398.007311	183.190576	-2.28E-14
3.47E-15	3.81E-13	-3034.916	

COMB SVO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	
0.25000	398.007311	69.064600	-9.02E-15
3.47E-15	3.67E-13	-2920.025	
0.50000	398.007311	105.671045	-1.35E-14
3.47E-15	3.70E-13	-2946.745	
0.75000	398.007311	143.713037	-1.81E-14
3.47E-15	3.75E-13	-2984.895	
1.00000	398.007311	183.190576	-2.28E-14
3.47E-15	3.81E-13	-3034.916	

COMB SVO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

COMB SVO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

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FRAME ELEMENT INTERNAL FORCES

COMB SVO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	
0.25000	316.712455	1150.590	-1.40E-13
4.58E-15	3.86E-13	-3078.696	
0.50000	316.712455	1187.196	-1.45E-13
4.58E-15	4.30E-13	-3436.633	
0.75000	316.712455	1225.238	-1.49E-13
4.58E-15	4.75E-13	-3806.001	
1.00000	316.712455	1264.716	-1.54E-13
4.58E-15	5.21E-13	-4187.238	

COMB SVO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	
0.25000	316.712455	1150.590	-1.40E-13
4.58E-15	3.86E-13	-3078.696	
0.50000	316.712455	1187.196	-1.45E-13
4.58E-15	4.30E-13	-3436.633	
0.75000	316.712455	1225.238	-1.49E-13
4.58E-15	4.75E-13	-3806.001	
1.00000	316.712455	1264.716	-1.54E-13
4.58E-15	5.21E-13	-4187.238	

COMB SVO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	
0.25000	408.792913	758.683415	-9.28E-14
4.71E-15	4.38E-13	-3485.967	
0.50000	408.792913	795.289861	-9.72E-14
4.71E-15	4.67E-13	-3723.882	
0.75000	408.792913	833.331853	-1.02E-13
4.71E-15	4.97E-13	-3973.228	
1.00000	408.792913	872.809392	-1.07E-13
4.71E-15	5.29E-13	-4234.444	

COMB SVO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	
0.25000	408.792913	758.683415	-9.28E-14
4.71E-15	4.38E-13	-3485.967	
0.50000	408.792913	795.289861	-9.72E-14
4.71E-15	4.67E-13	-3723.882	
0.75000	408.792913	833.331853	-1.02E-13
4.71E-15	4.97E-13	-3973.228	
1.00000	408.792913	872.809392	-1.07E-13
4.71E-15	5.29E-13	-4234.444	

COMB SVO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	
0.25000	313.128276	752.894959	-9.19E-14
3.87E-15	3.45E-13	-2751.185	
0.50000	313.128276	789.501404	-9.63E-14
3.87E-15	3.74E-13	-2987.328	
0.75000	313.128276	827.543396	-1.01E-13
3.87E-15	4.04E-13	-3234.901	
1.00000	313.128276	867.020935	-1.06E-13
3.87E-15	4.36E-13	-3494.344	

COMB SVO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	
0.25000	313.128276	752.894959	-9.19E-14
3.87E-15	3.45E-13	-2751.185	
0.50000	313.128276	789.501404	-9.63E-14
3.87E-15	3.74E-13	-2987.328	
0.75000	313.128276	827.543396	-1.01E-13
3.87E-15	4.04E-13	-3234.901	
1.00000	313.128276	867.020935	-1.06E-13
3.87E-15	4.36E-13	-3494.344	

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FRAME ELEMENT INTERNAL FORCES

COMB SVO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	330.618468	31.328963	-4.53E-15
3.88E-15	4.10E-13	-3267.168	
0.25000	330.618468	66.499861	-8.79E-15
3.88E-15	4.12E-13	-3282.111	
0.50000	330.618468	103.106306	-1.32E-14
3.88E-15	4.15E-13	-3308.045	
0.75000	330.618468	141.148299	-1.78E-14
3.88E-15	4.20E-13	-3345.410	
1.00000	330.618468	180.625838	-2.26E-14
3.88E-15	4.26E-13	-3394.645	

COMB SVO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	330.618468	31.328963	-4.53E-15
3.88E-15	4.10E-13	-3267.168	
0.25000	330.618468	66.499861	-8.79E-15
3.88E-15	4.12E-13	-3282.111	
0.50000	330.618468	103.106306	-1.32E-14
3.88E-15	4.15E-13	-3308.045	
0.75000	330.618468	141.148299	-1.78E-14
3.88E-15	4.20E-13	-3345.410	
1.00000	330.618468	180.625838	-2.26E-14
3.88E-15	4.26E-13	-3394.645	

COMB SVO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	
0.25000	398.007311	69.064600	-9.02E-15
3.47E-15	3.67E-13	-2920.025	
0.50000	398.007311	105.671045	-1.35E-14
3.47E-15	3.70E-13	-2946.745	
0.75000	398.007311	143.713037	-1.81E-14
3.47E-15	3.75E-13	-2984.895	
1.00000	398.007311	183.190576	-2.28E-14
3.47E-15	3.81E-13	-3034.916	

COMB SVO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	33.893701	-4.76E-15
3.47E-15	3.64E-13	-2904.296	
0.25000	398.007311	69.064600	-9.02E-15
3.47E-15	3.67E-13	-2920.025	
0.50000	398.007311	105.671045	-1.35E-14
3.47E-15	3.70E-13	-2946.745	
0.75000	398.007311	143.713037	-1.81E-14
3.47E-15	3.75E-13	-2984.895	
1.00000	398.007311	183.190576	-2.28E-14
3.47E-15	3.81E-13	-3034.916	

COMB SVO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	25.540506	-3.67E-15
3.04E-15	3.18E-13	-2534.159	
0.25000	234.953831	60.711404	-7.93E-15
3.04E-15	3.20E-13	-2547.329	
0.50000	234.953831	97.317850	-1.24E-14
3.04E-15	3.23E-13	-2571.491	
0.75000	234.953831	135.359842	-1.70E-14
3.04E-15	3.27E-13	-2607.083	
1.00000	234.953831	174.837381	-2.17E-14
3.04E-15	3.33E-13	-2654.545	

COMB SVO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	25.540506	-3.67E-15
3.04E-15	3.18E-13	-2534.159	
0.25000	234.953831	60.711404	-7.93E-15
3.04E-15	3.20E-13	-2547.329	
0.50000	234.953831	97.317850	-1.24E-14
3.04E-15	3.23E-13	-2571.491	
0.75000	234.953831	135.359842	-1.70E-14
3.04E-15	3.27E-13	-2607.083	
1.00000	234.953831	174.837381	-2.17E-14
3.04E-15	3.33E-13	-2654.545	

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FRAME ELEMENT INTERNAL FORCES

COMB SVO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	28.105245	-3.90E-15

2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

COMB SVO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

COMB SVO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	1112.854	-1.36E-13
4.99E-15	3.90E-13	-3094.622	
0.25000	249.323611	1148.025	-1.40E-13
4.99E-15	4.32E-13	-3440.782	
0.50000	249.323611	1184.632	-1.44E-13
4.99E-15	4.75E-13	-3797.934	
0.75000	249.323611	1222.674	-1.49E-13
4.99E-15	5.20E-13	-4166.516	
1.00000	249.323611	1262.151	-1.54E-13
4.99E-15	5.67E-13	-4546.968	

COMB SVO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	1112.854	-1.36E-13
4.99E-15	3.90E-13	-3094.622	
0.25000	249.323611	1148.025	-1.40E-13
4.99E-15	4.32E-13	-3440.782	
0.50000	249.323611	1184.632	-1.44E-13
4.99E-15	4.75E-13	-3797.934	
0.75000	249.323611	1222.674	-1.49E-13
4.99E-15	5.20E-13	-4166.516	
1.00000	249.323611	1262.151	-1.54E-13
4.99E-15	5.67E-13	-4546.968	

COMB SVO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	
0.25000	316.712455	1150.590	-1.40E-13
4.58E-15	3.86E-13	-3078.696	
0.50000	316.712455	1187.196	-1.45E-13
4.58E-15	4.30E-13	-3436.633	
0.75000	316.712455	1225.238	-1.49E-13
4.58E-15	4.75E-13	-3806.001	
1.00000	316.712455	1264.716	-1.54E-13
4.58E-15	5.21E-13	-4187.238	

COMB SVO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1115.419	-1.36E-13
4.58E-15	3.44E-13	-2731.750	
0.25000	316.712455	1150.590	-1.40E-13
4.58E-15	3.86E-13	-3078.696	
0.50000	316.712455	1187.196	-1.45E-13
4.58E-15	4.30E-13	-3436.633	
0.75000	316.712455	1225.238	-1.49E-13
4.58E-15	4.75E-13	-3806.001	
1.00000	316.712455	1264.716	-1.54E-13
4.58E-15	5.21E-13	-4187.238	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	720.947778	-8.83E-14
5.12E-15	4.55E-13	-3621.913	
0.25000	341.404070	756.118677	-9.25E-14
5.12E-15	4.83E-13	-3848.052	
0.50000	341.404070	792.725122	-9.70E-14
5.12E-15	5.12E-13	-4085.183	
0.75000	341.404070	830.767114	-1.02E-13
5.12E-15	5.42E-13	-4333.743	
1.00000	341.404070	870.244653	-1.06E-13
5.12E-15	5.74E-13	-4594.174	

COMB SVO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	720.947778	-8.83E-14
5.12E-15	4.55E-13	-3621.913	
0.25000	341.404070	756.118677	-9.25E-14
5.12E-15	4.83E-13	-3848.052	
0.50000	341.404070	792.725122	-9.70E-14
5.12E-15	5.12E-13	-4085.183	
0.75000	341.404070	830.767114	-1.02E-13
5.12E-15	5.42E-13	-4333.743	
1.00000	341.404070	870.244653	-1.06E-13
5.12E-15	5.74E-13	-4594.174	

COMB SVO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	
0.25000	408.792913	758.683415	-9.28E-14
4.71E-15	4.38E-13	-3485.967	
0.50000	408.792913	795.289861	-9.72E-14
4.71E-15	4.67E-13	-3723.882	
0.75000	408.792913	833.331853	-1.02E-13
4.71E-15	4.97E-13	-3973.228	
1.00000	408.792913	872.809392	-1.07E-13
4.71E-15	5.29E-13	-4234.444	

COMB SVO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	723.512517	-8.85E-14
4.71E-15	4.10E-13	-3259.042	
0.25000	408.792913	758.683415	-9.28E-14
4.71E-15	4.38E-13	-3485.967	
0.50000	408.792913	795.289861	-9.72E-14
4.71E-15	4.67E-13	-3723.882	
0.75000	408.792913	833.331853	-1.02E-13
4.71E-15	4.97E-13	-3973.228	
1.00000	408.792913	872.809392	-1.07E-13
4.71E-15	5.29E-13	-4234.444	

COMB SVO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	715.159322	-8.74E-14
4.28E-15	3.63E-13	-2888.904	
0.25000	245.739433	750.330220	-9.17E-14
4.28E-15	3.91E-13	-3113.271	
0.50000	245.739433	786.936665	-9.61E-14
4.28E-15	4.20E-13	-3348.628	
0.75000	245.739433	824.978658	-1.01E-13
4.28E-15	4.50E-13	-3595.416	
1.00000	245.739433	864.456197	-1.06E-13
4.28E-15	4.81E-13	-3854.074	

COMB SVO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	715.159322	-8.74E-14
4.28E-15	3.63E-13	-2888.904	
0.25000	245.739433	750.330220	-9.17E-14
4.28E-15	3.91E-13	-3113.271	
0.50000	245.739433	786.936665	-9.61E-14
4.28E-15	4.20E-13	-3348.628	
0.75000	245.739433	824.978658	-1.01E-13
4.28E-15	4.50E-13	-3595.416	
1.00000	245.739433	864.456197	-1.06E-13
4.28E-15	4.81E-13	-3854.074	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	
0.25000	313.128276	752.894959	-9.19E-14
3.87E-15	3.45E-13	-2751.185	
0.50000	313.128276	789.501404	-9.63E-14
3.87E-15	3.74E-13	-2987.328	
0.75000	313.128276	827.543396	-1.01E-13
3.87E-15	4.04E-13	-3234.901	
1.00000	313.128276	867.020935	-1.06E-13
3.87E-15	4.36E-13	-3494.344	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	717.724060	-8.77E-14
3.87E-15	3.18E-13	-2526.033	
0.25000	313.128276	752.894959	-9.19E-14
3.87E-15	3.45E-13	-2751.185	
0.50000	313.128276	789.501404	-9.63E-14
3.87E-15	3.74E-13	-2987.328	
0.75000	313.128276	827.543396	-1.01E-13
3.87E-15	4.04E-13	-3234.901	
1.00000	313.128276	867.020935	-1.06E-13
3.87E-15	4.36E-13	-3494.344	

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	48.982000	-6.92E-15
5.22E-15	5.52E-13	-4398.643	
0.25000	598.724446	94.704168	-1.25E-14
5.22E-15	5.55E-13	-4420.597	
0.50000	598.724446	142.292546	-1.82E-14
5.22E-15	5.59E-13	-4456.840	
0.75000	598.724446	191.747136	-2.42E-14
5.22E-15	5.66E-13	-4507.942	
1.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	48.982000	-6.92E-15
5.22E-15	5.52E-13	-4398.643	
0.25000	598.724446	94.704168	-1.25E-14
5.22E-15	5.55E-13	-4420.597	
0.50000	598.724446	142.292546	-1.82E-14
5.22E-15	5.59E-13	-4456.840	
0.75000	598.724446	191.747136	-2.42E-14
5.22E-15	5.66E-13	-4507.942	
1.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	
0.25000	393.045476	82.258986	-1.06E-14
3.41E-15	3.57E-13	-2840.816	
0.50000	393.045476	129.847365	-1.64E-14
3.41E-15	3.61E-13	-2873.248	
0.75000	393.045476	179.301955	-2.24E-14
3.41E-15	3.67E-13	-2920.538	
1.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	
0.25000	393.045476	82.258986	-1.06E-14
3.41E-15	3.57E-13	-2840.816	
0.50000	393.045476	129.847365	-1.64E-14
3.41E-15	3.61E-13	-2873.248	
0.75000	393.045476	179.301955	-2.24E-14
3.41E-15	3.67E-13	-2920.538	
1.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1450.045	-1.77E-13
5.96E-15	4.47E-13	-3551.275	
0.25000	411.726191	1495.767	-1.82E-13
5.96E-15	5.02E-13	-4002.305	
0.50000	411.726191	1543.355	-1.88E-13
5.96E-15	5.59E-13	-4467.623	
0.75000	411.726191	1592.810	-1.94E-13
5.96E-15	6.18E-13	-4947.801	
1.00000	411.726191	1644.131	-2.00E-13
5.96E-15	6.78E-13	-5443.410	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1450.045	-1.77E-13
5.96E-15	4.47E-13	-3551.275	
0.25000	411.726191	1495.767	-1.82E-13
5.96E-15	5.02E-13	-4002.305	
0.50000	411.726191	1543.355	-1.88E-13
5.96E-15	5.59E-13	-4467.623	
0.75000	411.726191	1592.810	-1.94E-13
5.96E-15	6.18E-13	-4947.801	
1.00000	411.726191	1644.131	-2.00E-13
5.96E-15	6.78E-13	-5443.410	

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	940.566272	-1.15E-13
6.12E-15	5.33E-13	-4236.754	
0.25000	531.430787	986.288440	-1.21E-13
6.12E-15	5.69E-13	-4531.756	
0.50000	531.430787	1033.877	-1.26E-13
6.12E-15	6.07E-13	-4841.047	
0.75000	531.430787	1083.331	-1.32E-13
6.12E-15	6.46E-13	-5165.197	
1.00000	531.430787	1134.652	-1.39E-13
6.12E-15	6.88E-13	-5504.778	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	940.566272	-1.15E-13
6.12E-15	5.33E-13	-4236.754	
0.25000	531.430787	986.288440	-1.21E-13
6.12E-15	5.69E-13	-4531.756	
0.50000	531.430787	1033.877	-1.26E-13
6.12E-15	6.07E-13	-4841.047	
0.75000	531.430787	1083.331	-1.32E-13
6.12E-15	6.46E-13	-5165.197	
1.00000	531.430787	1134.652	-1.39E-13
6.12E-15	6.88E-13	-5504.778	

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	933.041278	-1.14E-13
5.03E-15	4.13E-13	-3283.843	
0.25000	407.066759	978.763446	-1.19E-13
5.03E-15	4.49E-13	-3576.540	
0.50000	407.066759	1026.352	-1.25E-13
5.03E-15	4.86E-13	-3883.526	
0.75000	407.066759	1075.806	-1.31E-13
5.03E-15	5.26E-13	-4205.371	
1.00000	407.066759	1127.127	-1.37E-13
5.03E-15	5.67E-13	-4542.648	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	933.041278	-1.14E-13
5.03E-15	4.13E-13	-3283.843	
0.25000	407.066759	978.763446	-1.19E-13
5.03E-15	4.49E-13	-3576.540	
0.50000	407.066759	1026.352	-1.25E-13
5.03E-15	4.86E-13	-3883.526	
0.75000	407.066759	1075.806	-1.31E-13
5.03E-15	5.26E-13	-4205.371	
1.00000	407.066759	1127.127	-1.37E-13
5.03E-15	5.67E-13	-4542.648	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	40.727651	-5.89E-15
5.04E-15	5.33E-13	-4247.318	
0.25000	429.804008	86.449819	-1.14E-14
5.04E-15	5.36E-13	-4266.744	
0.50000	429.804008	134.038198	-1.72E-14
5.04E-15	5.40E-13	-4300.459	
0.75000	429.804008	183.492788	-2.32E-14
5.04E-15	5.46E-13	-4349.033	
1.00000	429.804008	234.813589	-2.94E-14
5.04E-15	5.54E-13	-4413.039	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	40.727651	-5.89E-15
5.04E-15	5.33E-13	-4247.318	
0.25000	429.804008	86.449819	-1.14E-14
5.04E-15	5.36E-13	-4266.744	
0.50000	429.804008	134.038198	-1.72E-14
5.04E-15	5.40E-13	-4300.459	
0.75000	429.804008	183.492788	-2.32E-14
5.04E-15	5.46E-13	-4349.033	
1.00000	429.804008	234.813589	-2.94E-14
5.04E-15	5.54E-13	-4413.039	

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	
0.25000	517.409504	89.783979	-1.17E-14
4.51E-15	4.76E-13	-3796.033	
0.50000	517.409504	137.372358	-1.75E-14
4.51E-15	4.81E-13	-3830.768	
0.75000	517.409504	186.826948	-2.35E-14
4.51E-15	4.87E-13	-3880.364	
1.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	
0.25000	517.409504	89.783979	-1.17E-14
4.51E-15	4.76E-13	-3796.033	
0.50000	517.409504	137.372358	-1.75E-14
4.51E-15	4.81E-13	-3830.768	
0.75000	517.409504	186.826948	-2.35E-14
4.51E-15	4.87E-13	-3880.364	
1.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	33.202658	-4.77E-15
3.95E-15	4.13E-13	-3294.406	
0.25000	305.439980	78.924826	-1.03E-14
3.95E-15	4.16E-13	-3311.528	
0.50000	305.439980	126.513205	-1.61E-14
3.95E-15	4.20E-13	-3342.938	
0.75000	305.439980	175.967795	-2.21E-14
3.95E-15	4.26E-13	-3389.208	
1.00000	305.439980	227.288595	-2.83E-14
3.95E-15	4.33E-13	-3450.909	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	33.202658	-4.77E-15
3.95E-15	4.13E-13	-3294.406	
0.25000	305.439980	78.924826	-1.03E-14
3.95E-15	4.16E-13	-3311.528	
0.50000	305.439980	126.513205	-1.61E-14
3.95E-15	4.20E-13	-3342.938	
0.75000	305.439980	175.967795	-2.21E-14
3.95E-15	4.26E-13	-3389.208	
1.00000	305.439980	227.288595	-2.83E-14
3.95E-15	4.33E-13	-3450.909	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	
0.25000	393.045476	82.258986	-1.06E-14
3.41E-15	3.57E-13	-2840.816	
0.50000	393.045476	129.847365	-1.64E-14
3.41E-15	3.61E-13	-2873.248	
0.75000	393.045476	179.301955	-2.24E-14
3.41E-15	3.67E-13	-2920.538	
1.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	36.536818	-5.07E-15
3.41E-15	3.54E-13	-2822.673	
0.25000	393.045476	82.258986	-1.06E-14
3.41E-15	3.57E-13	-2840.816	
0.50000	393.045476	129.847365	-1.64E-14
3.41E-15	3.61E-13	-2873.248	
0.75000	393.045476	179.301955	-2.24E-14
3.41E-15	3.67E-13	-2920.538	
1.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1391.068	-1.70E-13
6.24E-15	4.87E-13	-3868.277	
0.25000	311.654514	1435.031	-1.75E-13
6.24E-15	5.40E-13	-4300.978	
0.50000	311.654514	1480.790	-1.81E-13
6.24E-15	5.94E-13	-4747.417	
0.75000	311.654514	1528.342	-1.86E-13
6.24E-15	6.50E-13	-5208.145	
1.00000	311.654514	1577.689	-1.92E-13
6.24E-15	7.08E-13	-5683.710	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1391.068	-1.70E-13
6.24E-15	4.87E-13	-3868.277	
0.25000	311.654514	1435.031	-1.75E-13
6.24E-15	5.40E-13	-4300.978	
0.50000	311.654514	1480.790	-1.81E-13
6.24E-15	5.94E-13	-4747.417	
0.75000	311.654514	1528.342	-1.86E-13
6.24E-15	6.50E-13	-5208.145	
1.00000	311.654514	1577.689	-1.92E-13
6.24E-15	7.08E-13	-5683.710	

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1394.274	-1.70E-13
5.73E-15	4.30E-13	-3414.688	
0.25000	395.890568	1438.237	-1.75E-13
5.73E-15	4.83E-13	-3848.370	
0.50000	395.890568	1483.995	-1.81E-13
5.73E-15	5.38E-13	-4295.791	
0.75000	395.890568	1531.548	-1.87E-13
5.73E-15	5.94E-13	-4757.501	
1.00000	395.890568	1580.895	-1.93E-13
5.73E-15	6.52E-13	-5234.048	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1394.274	-1.70E-13
5.73E-15	4.30E-13	-3414.688	
0.25000	395.890568	1438.237	-1.75E-13
5.73E-15	4.83E-13	-3848.370	
0.50000	395.890568	1483.995	-1.81E-13
5.73E-15	5.38E-13	-4295.791	
0.75000	395.890568	1531.548	-1.87E-13
5.73E-15	5.94E-13	-4757.501	
1.00000	395.890568	1580.895	-1.93E-13
5.73E-15	6.52E-13	-5234.048	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	901.184723	-1.10E-13
6.40E-15	5.69E-13	-4527.392	
0.25000	426.755087	945.148346	-1.16E-13
6.40E-15	6.04E-13	-4810.066	
0.50000	426.755087	990.906403	-1.21E-13
6.40E-15	6.40E-13	-5106.478	
0.75000	426.755087	1038.459	-1.27E-13
6.40E-15	6.78E-13	-5417.179	
1.00000	426.755087	1087.806	-1.33E-13
6.40E-15	7.18E-13	-5742.717	

COMB ULO12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.755087	901.184723	-1.10E-13
6.40E-15	5.69E-13	-4527.392	
0.25000	426.755087	945.148346	-1.16E-13
6.40E-15	6.04E-13	-4810.066	
0.50000	426.755087	990.906403	-1.21E-13
6.40E-15	6.40E-13	-5106.478	
0.75000	426.755087	1038.459	-1.27E-13
6.40E-15	6.78E-13	-5417.179	
1.00000	426.755087	1087.806	-1.33E-13
6.40E-15	7.18E-13	-5742.717	

COMB ULO13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	510.991141	904.390646	-1.11E-13
5.88E-15	5.12E-13	-4073.802	
0.25000	510.991141	948.354269	-1.16E-13
5.88E-15	5.47E-13	-4357.458	
0.50000	510.991141	994.112326	-1.22E-13
5.88E-15	5.83E-13	-4654.853	
0.75000	510.991141	1041.665	-1.27E-13
5.88E-15	6.21E-13	-4966.535	
1.00000	510.991141	1091.012	-1.33E-13
5.88E-15	6.61E-13	-5293.055	

COMB ULO13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	510.991141	904.390646	-1.11E-13
5.88E-15	5.12E-13	-4073.802	
0.25000	510.991141	948.354269	-1.16E-13
5.88E-15	5.47E-13	-4357.458	
0.50000	510.991141	994.112326	-1.22E-13
5.88E-15	5.83E-13	-4654.853	
0.75000	510.991141	1041.665	-1.27E-13
5.88E-15	6.21E-13	-4966.535	
1.00000	510.991141	1091.012	-1.33E-13
5.88E-15	6.61E-13	-5293.055	

COMB ULO14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	307.174291	893.949152	-1.09E-13
5.34E-15	4.54E-13	-3611.130	
0.25000	307.174291	937.912775	-1.15E-13
5.34E-15	4.88E-13	-3891.588	
0.50000	307.174291	983.670832	-1.20E-13
5.34E-15	5.24E-13	-4185.785	
0.75000	307.174291	1031.223	-1.26E-13
5.34E-15	5.62E-13	-4494.270	
1.00000	307.174291	1080.570	-1.32E-13
5.34E-15	6.02E-13	-4817.593	

COMB ULO14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	307.174291	893.949152	-1.09E-13
5.34E-15	4.54E-13	-3611.130	
0.25000	307.174291	937.912775	-1.15E-13
5.34E-15	4.88E-13	-3891.588	
0.50000	307.174291	983.670832	-1.20E-13
5.34E-15	5.24E-13	-4185.785	
0.75000	307.174291	1031.223	-1.26E-13
5.34E-15	5.62E-13	-4494.270	
1.00000	307.174291	1080.570	-1.32E-13
5.34E-15	6.02E-13	-4817.593	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	391.410345	897.155075	-1.10E-13
4.83E-15	3.97E-13	-3157.541	
0.25000	391.410345	941.118698	-1.15E-13
4.83E-15	4.32E-13	-3438.981	
0.50000	391.410345	986.876755	-1.20E-13
4.83E-15	4.68E-13	-3734.159	
0.75000	391.410345	1034.429	-1.26E-13
4.83E-15	5.05E-13	-4043.626	
1.00000	391.410345	1083.776	-1.32E-13
4.83E-15	5.45E-13	-4367.931	

COMB ULO15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	391.410345	897.155075	-1.10E-13
4.83E-15	3.97E-13	-3157.541	
0.25000	391.410345	941.118698	-1.15E-13
4.83E-15	4.32E-13	-3438.981	
0.50000	391.410345	986.876755	-1.20E-13
4.83E-15	4.68E-13	-3734.159	
0.75000	391.410345	1034.429	-1.26E-13
4.83E-15	5.05E-13	-4043.626	
1.00000	391.410345	1083.776	-1.32E-13
4.83E-15	5.45E-13	-4367.931	

COMB ULO16 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

COMB ULO16 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

COMB ULO17 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	
0.25000	517.409504	89.783979	-1.17E-14
4.51E-15	4.76E-13	-3796.033	
0.50000	517.409504	137.372358	-1.75E-14
4.51E-15	4.81E-13	-3830.768	
0.75000	517.409504	186.826948	-2.35E-14
4.51E-15	4.87E-13	-3880.364	
1.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	

COMB ULO17 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.409504	44.061811	-6.19E-15
4.51E-15	4.74E-13	-3775.585	
0.25000	517.409504	89.783979	-1.17E-14
4.51E-15	4.76E-13	-3796.033	
0.50000	517.409504	137.372358	-1.75E-14
4.51E-15	4.81E-13	-3830.768	
0.75000	517.409504	186.826948	-2.35E-14
4.51E-15	4.87E-13	-3880.364	
1.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO18 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	380.054946	1338.503	-1.63E-13
5.50E-15	4.13E-13	-3278.100	
0.25000	380.054946	1380.708	-1.68E-13
5.50E-15	4.64E-13	-3694.436	
0.50000	380.054946	1424.636	-1.74E-13
5.50E-15	5.16E-13	-4123.960	
0.75000	380.054946	1470.286	-1.79E-13
5.50E-15	5.70E-13	-4567.201	
1.00000	380.054946	1517.659	-1.85E-13
5.50E-15	6.26E-13	-5024.686	

COMB ULO18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	380.054946	1338.503	-1.63E-13
5.50E-15	4.13E-13	-3278.100	
0.25000	380.054946	1380.708	-1.68E-13
5.50E-15	4.64E-13	-3694.436	
0.50000	380.054946	1424.636	-1.74E-13
5.50E-15	5.16E-13	-4123.960	
0.75000	380.054946	1470.286	-1.79E-13
5.50E-15	5.70E-13	-4567.201	
1.00000	380.054946	1517.659	-1.85E-13
5.50E-15	6.26E-13	-5024.686	

COMB UEO01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.025848	40.720860	-5.77E-15
4.43E-15	4.70E-13	-3747.344	
0.25000	508.025848	75.891759	-1.00E-14
4.43E-15	4.73E-13	-3765.163	
0.50000	508.025848	112.498204	-1.45E-14
4.43E-15	4.76E-13	-3793.974	
0.75000	508.025848	150.540196	-1.91E-14
4.43E-15	4.81E-13	-3834.215	
1.00000	508.025848	190.017735	-2.39E-14
4.43E-15	4.88E-13	-3886.326	

COMB UEO01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	508.025848	40.720860	-5.77E-15
4.43E-15	4.70E-13	-3747.344	
0.25000	508.025848	75.891759	-1.00E-14
4.43E-15	4.73E-13	-3765.163	
0.50000	508.025848	112.498204	-1.45E-14
4.43E-15	4.76E-13	-3793.974	
0.75000	508.025848	150.540196	-1.91E-14
4.43E-15	4.81E-13	-3834.215	
1.00000	508.025848	190.017735	-2.39E-14
4.43E-15	4.88E-13	-3886.326	

COMB UEO02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	
0.25000	302.346879	63.446577	-8.18E-15
2.63E-15	2.74E-13	-2185.383	
0.50000	302.346879	100.053022	-1.26E-14
2.63E-15	2.78E-13	-2210.382	
0.75000	302.346879	138.095014	-1.72E-14
2.63E-15	2.82E-13	-2246.812	
1.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	

COMB UEO02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	
0.25000	302.346879	63.446577	-8.18E-15
2.63E-15	2.74E-13	-2185.383	
0.50000	302.346879	100.053022	-1.26E-14
2.63E-15	2.78E-13	-2210.382	
0.75000	302.346879	138.095014	-1.72E-14
2.63E-15	2.82E-13	-2246.812	
1.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	

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COMB UEO03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	321.027593	1441.784	-1.76E-13
5.17E-15	3.66E-13	-2899.976	
0.25000	321.027593	1476.954	-1.80E-13
5.17E-15	4.20E-13	-3346.871	
0.50000	321.027593	1513.561	-1.84E-13
5.17E-15	4.76E-13	-3804.757	
0.75000	321.027593	1551.603	-1.89E-13
5.17E-15	5.33E-13	-4274.074	
1.00000	321.027593	1591.080	-1.94E-13
5.17E-15	5.92E-13	-4755.261	

COMB UEO03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	321.027593	1441.784	-1.76E-13
5.17E-15	3.66E-13	-2899.976	
0.25000	321.027593	1476.954	-1.80E-13
5.17E-15	4.20E-13	-3346.871	
0.50000	321.027593	1513.561	-1.84E-13
5.17E-15	4.76E-13	-3804.757	
0.75000	321.027593	1551.603	-1.89E-13
5.17E-15	5.33E-13	-4274.074	
1.00000	321.027593	1591.080	-1.94E-13
5.17E-15	5.92E-13	-4755.261	

COMB UEO04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	440.732189	932.305132	-1.14E-13
5.33E-15	4.51E-13	-3585.455	
0.25000	440.732189	967.476031	-1.18E-13
5.33E-15	4.86E-13	-3876.323	
0.50000	440.732189	1004.082	-1.23E-13
5.33E-15	5.23E-13	-4178.181	
0.75000	440.732189	1042.124	-1.27E-13
5.33E-15	5.62E-13	-4491.470	
1.00000	440.732189	1081.602	-1.32E-13
5.33E-15	6.01E-13	-4816.629	

COMB UEO04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	440.732189	932.305132	-1.14E-13
5.33E-15	4.51E-13	-3585.455	
0.25000	440.732189	967.476031	-1.18E-13
5.33E-15	4.86E-13	-3876.323	
0.50000	440.732189	1004.082	-1.23E-13
5.33E-15	5.23E-13	-4178.181	
0.75000	440.732189	1042.124	-1.27E-13
5.33E-15	5.62E-13	-4491.470	
1.00000	440.732189	1081.602	-1.32E-13
5.33E-15	6.01E-13	-4816.629	

COMB UEO05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	316.368161	924.780139	-1.13E-13
4.24E-15	3.31E-13	-2632.544	
0.25000	316.368161	959.951037	-1.17E-13
4.24E-15	3.67E-13	-2921.106	
0.50000	316.368161	996.557483	-1.21E-13
4.24E-15	4.03E-13	-3220.660	
0.75000	316.368161	1034.599	-1.26E-13
4.24E-15	4.41E-13	-3531.644	
1.00000	316.368161	1074.077	-1.31E-13
4.24E-15	4.80E-13	-3854.499	

COMB UEO05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	316.368161	924.780139	-1.13E-13
4.24E-15	3.31E-13	-2632.544	
0.25000	316.368161	959.951037	-1.17E-13
4.24E-15	3.67E-13	-2921.106	
0.50000	316.368161	996.557483	-1.21E-13
4.24E-15	4.03E-13	-3220.660	
0.75000	316.368161	1034.599	-1.26E-13
4.24E-15	4.41E-13	-3531.644	
1.00000	316.368161	1074.077	-1.31E-13
4.24E-15	4.80E-13	-3854.499	

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COMB UEO06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	339.105410	32.466512	-4.74E-15
4.25E-15	4.51E-13	-3596.019	
0.25000	339.105410	67.637410	-9.00E-15
4.25E-15	4.53E-13	-3611.311	
0.50000	339.105410	104.243856	-1.34E-14
4.25E-15	4.57E-13	-3637.593	
0.75000	339.105410	142.285848	-1.80E-14
4.25E-15	4.61E-13	-3675.306	
1.00000	339.105410	181.763387	-2.28E-14
4.25E-15	4.68E-13	-3724.890	

COMB UEO06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	339.105410	32.466512	-4.74E-15
4.25E-15	4.51E-13	-3596.019	
0.25000	339.105410	67.637410	-9.00E-15
4.25E-15	4.53E-13	-3611.311	
0.50000	339.105410	104.243856	-1.34E-14
4.25E-15	4.57E-13	-3637.593	
0.75000	339.105410	142.285848	-1.80E-14
4.25E-15	4.61E-13	-3675.306	
1.00000	339.105410	181.763387	-2.28E-14
4.25E-15	4.68E-13	-3724.890	

COMB UEO07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	35.800672	-5.04E-15
3.72E-15	3.92E-13	-3124.286	
0.25000	426.710906	70.971570	-9.30E-15
3.72E-15	3.94E-13	-3140.599	
0.50000	426.710906	107.578016	-1.37E-14
3.72E-15	3.98E-13	-3167.903	
0.75000	426.710906	145.620008	-1.83E-14
3.72E-15	4.03E-13	-3206.637	
1.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	

COMB UEO07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	35.800672	-5.04E-15
3.72E-15	3.92E-13	-3124.286	
0.25000	426.710906	70.971570	-9.30E-15
3.72E-15	3.94E-13	-3140.599	
0.50000	426.710906	107.578016	-1.37E-14
3.72E-15	3.98E-13	-3167.903	
0.75000	426.710906	145.620008	-1.83E-14
3.72E-15	4.03E-13	-3206.637	
1.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	

COMB UEO08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	214.741382	24.941518	-3.62E-15
3.16E-15	3.32E-13	-2643.107	
0.25000	214.741382	60.112417	-7.88E-15
3.16E-15	3.33E-13	-2656.094	
0.50000	214.741382	96.718862	-1.23E-14
3.16E-15	3.36E-13	-2680.072	
0.75000	214.741382	134.760854	-1.69E-14
3.16E-15	3.41E-13	-2715.481	
1.00000	214.741382	174.238393	-2.17E-14
3.16E-15	3.47E-13	-2762.760	

COMB UEO08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	214.741382	24.941518	-3.62E-15
3.16E-15	3.32E-13	-2643.107	
0.25000	214.741382	60.112417	-7.88E-15
3.16E-15	3.33E-13	-2656.094	
0.50000	214.741382	96.718862	-1.23E-14
3.16E-15	3.36E-13	-2680.072	
0.75000	214.741382	134.760854	-1.69E-14
3.16E-15	3.41E-13	-2715.481	
1.00000	214.741382	174.238393	-2.17E-14
3.16E-15	3.47E-13	-2762.760	

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COMB UEO09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	
0.25000	302.346879	63.446577	-8.18E-15
2.63E-15	2.74E-13	-2185.383	
0.50000	302.346879	100.053022	-1.26E-14
2.63E-15	2.78E-13	-2210.382	
0.75000	302.346879	138.095014	-1.72E-14
2.63E-15	2.82E-13	-2246.812	
1.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	

COMB UEO09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	28.275678	-3.92E-15
2.63E-15	2.72E-13	-2171.374	
0.25000	302.346879	63.446577	-8.18E-15
2.63E-15	2.74E-13	-2185.383	
0.50000	302.346879	100.053022	-1.26E-14
2.63E-15	2.78E-13	-2210.382	
0.75000	302.346879	138.095014	-1.72E-14
2.63E-15	2.82E-13	-2246.812	
1.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	

COMB UEO10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	220.955916	1382.807	-1.69E-13
5.45E-15	4.05E-13	-3216.978	
0.25000	220.955916	1416.219	-1.73E-13
5.45E-15	4.58E-13	-3645.544	
0.50000	220.955916	1450.995	-1.77E-13
5.45E-15	5.11E-13	-4084.551	
0.75000	220.955916	1487.135	-1.81E-13
5.45E-15	5.66E-13	-4534.418	
1.00000	220.955916	1524.639	-1.86E-13
5.45E-15	6.22E-13	-4995.561	

COMB UEO10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	220.955916	1382.807	-1.69E-13
5.45E-15	4.05E-13	-3216.978	
0.25000	220.955916	1416.219	-1.73E-13
5.45E-15	4.58E-13	-3645.544	
0.50000	220.955916	1450.995	-1.77E-13
5.45E-15	5.11E-13	-4084.551	
0.75000	220.955916	1487.135	-1.81E-13
5.45E-15	5.66E-13	-4534.418	
1.00000	220.955916	1524.639	-1.86E-13
5.45E-15	6.22E-13	-4995.561	

COMB UEO11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	305.191970	1386.013	-1.69E-13
4.94E-15	3.48E-13	-2763.389	
0.25000	305.191970	1419.425	-1.73E-13
4.94E-15	4.01E-13	-3192.937	
0.50000	305.191970	1454.201	-1.77E-13
4.94E-15	4.54E-13	-3632.926	
0.75000	305.191970	1490.341	-1.81E-13
4.94E-15	5.09E-13	-4083.774	
1.00000	305.191970	1527.845	-1.86E-13
4.94E-15	5.65E-13	-4545.899	

COMB UEO11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	305.191970	1386.013	-1.69E-13
4.94E-15	3.48E-13	-2763.389	
0.25000	305.191970	1419.425	-1.73E-13
4.94E-15	4.01E-13	-3192.937	
0.50000	305.191970	1454.201	-1.77E-13
4.94E-15	4.54E-13	-3632.926	
0.75000	305.191970	1490.341	-1.81E-13
4.94E-15	5.09E-13	-4083.774	
1.00000	305.191970	1527.845	-1.86E-13
4.94E-15	5.65E-13	-4545.899	

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COMB UEO12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	336.056489	892.923583	-1.09E-13
5.61E-15	4.87E-13	-3876.092	
0.25000	336.056489	926.335937	-1.13E-13
5.61E-15	5.21E-13	-4154.632	
0.50000	336.056489	961.112060	-1.17E-13
5.61E-15	5.57E-13	-4443.612	
0.75000	336.056489	997.251953	-1.22E-13
5.61E-15	5.95E-13	-4743.452	
1.00000	336.056489	1034.756	-1.26E-13
5.61E-15	6.31E-13	-5054.568	

COMB UEO12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	336.056489	892.923583	-1.09E-13
5.61E-15	4.87E-13	-3876.092	
0.25000	336.056489	926.335937	-1.13E-13
5.61E-15	5.21E-13	-4154.632	
0.50000	336.056489	961.112060	-1.17E-13
5.61E-15	5.57E-13	-4443.612	

0.75000 336.056489 997.251953 -1.22E-13
5.61E-15 5.93E-13 -4743.452
1.00000 336.056489 1034.756 -1.26E-13
5.61E-15 6.31E-13 -5054.568

COMB UEO13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	420.292543	896.129507	-1.09E-13
5.10E-15	4.30E-13	-3422.503	
0.25000	420.292543	929.541860	-1.14E-13
5.10E-15	4.65E-13	-3702.024	
0.50000	420.292543	964.317983	-1.18E-13
5.10E-15	5.00E-13	-3991.987	
0.75000	420.292543	1000.458	-1.22E-13
5.10E-15	5.37E-13	-4292.808	
1.00000	420.292543	1037.962	-1.27E-13
5.10E-15	5.75E-13	-4604.906	

COMB UEO13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	420.292543	896.129507	-1.09E-13
5.10E-15	4.30E-13	-3422.503	
0.25000	420.292543	929.541860	-1.14E-13
5.10E-15	4.65E-13	-3702.024	
0.50000	420.292543	964.317983	-1.18E-13
5.10E-15	5.00E-13	-3991.987	
0.75000	420.292543	1000.458	-1.22E-13
5.10E-15	5.37E-13	-4292.808	
1.00000	420.292543	1037.962	-1.27E-13
5.10E-15	5.75E-13	-4604.906	

COMB UEO14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	216.475693	885.688013	-1.08E-13
4.56E-15	3.72E-13	-2959.831	
0.25000	216.475693	919.100366	-1.12E-13
4.56E-15	4.06E-13	-3236.155	
0.50000	216.475693	953.876489	-1.16E-13
4.56E-15	4.41E-13	-3522.919	
0.75000	216.475693	990.016382	-1.21E-13
4.56E-15	4.77E-13	-3820.543	
1.00000	216.475693	1027.520	-1.25E-13
4.56E-15	5.15E-13	-4129.444	

COMB UEO14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	216.475693	885.688013	-1.08E-13
4.56E-15	3.72E-13	-2959.831	
0.25000	216.475693	919.100366	-1.12E-13
4.56E-15	4.06E-13	-3236.155	
0.50000	216.475693	953.876489	-1.16E-13
4.56E-15	4.41E-13	-3522.919	
0.75000	216.475693	990.016382	-1.21E-13
4.56E-15	4.77E-13	-3820.543	
1.00000	216.475693	1027.520	-1.25E-13
4.56E-15	5.15E-13	-4129.444	

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COMB UEO15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	300.711747	888.893936	-1.08E-13
4.05E-15	3.16E-13	-2506.242	
0.25000	300.711747	922.306289	-1.12E-13
4.05E-15	3.49E-13	-2783.547	
0.50000	300.711747	957.082412	-1.17E-13
4.05E-15	3.84E-13	-3071.294	
0.75000	300.711747	993.222305	-1.21E-13
4.05E-15	4.21E-13	-3369.899	
1.00000	300.711747	1030.726	-1.26E-13
4.05E-15	4.59E-13	-3679.782	

COMB UEO15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	300.711747	888.893936	-1.08E-13
4.05E-15	3.16E-13	-2506.242	
0.25000	300.711747	922.306289	-1.12E-13
4.05E-15	3.49E-13	-2783.547	
0.50000	300.711747	957.082412	-1.17E-13
4.05E-15	3.84E-13	-3071.294	
0.75000	300.711747	993.222305	-1.21E-13
4.05E-15	4.21E-13	-3369.899	
1.00000	300.711747	1030.726	-1.26E-13
4.05E-15	4.59E-13	-3679.782	

COMB UEO16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

COMB UEO16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.342674	28.105245	-3.90E-15
2.63E-15	2.72E-13	-2171.287	
0.25000	302.342674	63.276143	-8.16E-15
2.63E-15	2.74E-13	-2185.243	
0.50000	302.342674	99.882588	-1.26E-14
2.63E-15	2.78E-13	-2210.190	
0.75000	302.342674	137.924580	-1.72E-14
2.63E-15	2.82E-13	-2246.568	
1.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	

COMB UEO17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	35.800672	-5.04E-15
3.72E-15	3.92E-13	-3124.286	
0.25000	426.710906	70.971570	-9.30E-15
3.72E-15	3.94E-13	-3140.599	
0.50000	426.710906	107.578016	-1.37E-14
3.72E-15	3.98E-13	-3167.903	
0.75000	426.710906	145.620008	-1.83E-14
3.72E-15	4.03E-13	-3206.637	
1.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	

COMB UEO17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	426.710906	35.800672	-5.04E-15
3.72E-15	3.92E-13	-3124.286	
0.25000	426.710906	70.971570	-9.30E-15
3.72E-15	3.94E-13	-3140.599	
0.50000	426.710906	107.578016	-1.37E-14
3.72E-15	3.98E-13	-3167.903	
0.75000	426.710906	145.620008	-1.83E-14
3.72E-15	4.03E-13	-3206.637	
1.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	

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COMB UEO18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	289.356348	1330.242	-1.62E-13
4.71E-15	3.31E-13	-2626.801	
0.25000	289.356348	1361.895	-1.66E-13
4.71E-15	3.81E-13	-3039.002	
0.50000	289.356348	1394.841	-1.70E-13
4.71E-15	4.33E-13	-3461.094	
0.75000	289.356348	1429.079	-1.74E-13
4.71E-15	4.85E-13	-3893.474	
1.00000	289.356348	1464.609	-1.78E-13
4.71E-15	5.39E-13	-4336.537	

COMB UEO18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	289.356348	1330.242	-1.62E-13
4.71E-15	3.31E-13	-2626.801	
0.25000	289.356348	1361.895	-1.66E-13
4.71E-15	3.81E-13	-3039.002	
0.50000	289.356348	1394.841	-1.70E-13
4.71E-15	4.33E-13	-3461.094	
0.75000	289.356348	1429.079	-1.74E-13
4.71E-15	4.85E-13	-3893.474	
1.00000	289.356348	1464.609	-1.78E-13
4.71E-15	5.39E-13	-4336.537	

COMB ENVBULT ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	48.243452	-6.83E-15
5.22E-15	5.52E-13	-4398.266	
0.25000	598.706226	93.965620	-1.24E-14
5.22E-15	5.55E-13	-4419.994	
0.50000	598.706226	141.553999	-1.81E-14
5.22E-15	5.59E-13	-4456.010	
0.75000	598.706226	191.008589	-2.41E-14
5.22E-15	5.66E-13	-4506.886	
1.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	

COMB ENVBULT ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	48.243452	-6.83E-15
5.22E-15	5.52E-13	-4398.266	
0.25000	598.706226	93.965620	-1.24E-14
5.22E-15	5.55E-13	-4419.994	
0.50000	598.706226	141.553999	-1.81E-14
5.22E-15	5.59E-13	-4456.010	
0.75000	598.706226	191.008589	-2.41E-14
5.22E-15	5.66E-13	-4506.886	
1.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	

COMB ENVBECC ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.007629	39.982313	-3.83E-15
4.43E-15	4.70E-13	-2170.997	
0.25000	508.007629	75.153211	-8.09E-15
4.43E-15	4.72E-13	-2184.779	
0.50000	508.007629	111.759657	-1.25E-14
4.43E-15	4.76E-13	-2209.552	
0.75000	508.007629	149.801649	-1.71E-14
4.43E-15	4.81E-13	-2245.756	
1.00000	508.007629	189.279188	-2.19E-14
4.43E-15	4.88E-13	-2293.830	

COMB ENVBECC ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	27.537131	-5.68E-15
2.63E-15	2.72E-13	-3746.967	
0.25000	302.328660	62.708030	-9.94E-15
2.63E-15	2.74E-13	-3764.560	
0.50000	302.328660	99.314475	-1.44E-14
2.63E-15	2.77E-13	-3793.145	
0.75000	302.328660	137.356467	-1.90E-14
2.63E-15	2.82E-13	-3833.160	
1.00000	302.328660	176.834006	-2.38E-14
2.63E-15	2.88E-13	-3885.045	

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COMB ENVOULT ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.724446	48.982000	-6.92E-15
5.22E-15	5.52E-13	-4398.643	
0.25000	598.724446	94.704168	-1.25E-14
5.22E-15	5.55E-13	-4420.597	
0.50000	598.724446	142.292546	-1.82E-14
5.22E-15	5.59E-13	-4456.840	
0.75000	598.724446	191.747136	-2.42E-14
5.22E-15	5.66E-13	-4507.942	
1.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	

COMB ENVOULT ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.724446	48.982000	-6.92E-15
5.22E-15	5.52E-13	-4398.643	
0.25000	598.724446	94.704168	-1.25E-14
5.22E-15	5.55E-13	-4420.597	
0.50000	598.724446	142.292546	-1.82E-14
5.22E-15	5.59E-13	-4456.840	
0.75000	598.724446	191.747136	-2.42E-14
5.22E-15	5.66E-13	-4507.942	
1.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	

COMB ENVOECC ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	508.025848	40.720860	-3.92E-15
4.43E-15	4.70E-13	-2171.374	
0.25000	508.025848	75.891759	-8.18E-15
4.43E-15	4.73E-13	-2185.383	
0.50000	508.025848	112.498204	-1.26E-14
4.43E-15	4.76E-13	-2210.382	
0.75000	508.025848	150.540196	-1.72E-14
4.43E-15	4.81E-13	-2246.812	
1.00000	508.025848	190.017735	-2.20E-14
4.43E-15	4.88E-13	-2295.112	

COMB ENVOECC ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.346879	28.275678	-5.77E-15
2.63E-15	2.72E-13	-3747.344	
0.25000	302.346879	63.446577	-1.00E-14
2.63E-15	2.74E-13	-3765.163	
0.50000	302.346879	100.053022	-1.45E-14
2.63E-15	2.78E-13	-3793.974	
0.75000	302.346879	138.095014	-1.91E-14
2.63E-15	2.82E-13	-3834.215	
1.00000	302.346879	177.572553	-2.39E-14
2.63E-15	2.88E-13	-3886.326	

ELEM 12 ========== LENGTH = 0.975000

LOAD D ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

LOAD L1 ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.30E-14	-740.099920	
0.25000	95.664637	5.788457	-8.60E-16
8.41E-16	9.32E-14	-741.510856	
0.50000	95.664637	5.788457	-8.60E-16
8.41E-16	9.34E-14	-742.921792	

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REL DIST T	P M2	V2 M3	V3
0.75000	95.664637	5.788457	-8.60E-16
8.41E-16	9.36E-14	-744.332728	
1.00000	95.664637	5.788457	-8.60E-16
8.41E-16	9.38E-14	-745.743665	

LOAD W-LO ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	1.14E-17	1.58E-15	13.125938
8.881358	-12.665601	-1.43E-15	
0.25000	1.14E-17	1.77E-15	14.661563
8.881358	-16.052203	-1.84E-15	
0.50000	1.14E-17	1.95E-15	16.197188
8.881358	-19.813113	-2.29E-15	
0.75000	1.14E-17	2.14E-15	17.732813
8.881358	-23.948332	-2.79E-15	
1.00000	1.14E-17	2.33E-15	19.268438
8.881358	-28.457859	-3.34E-15	

LOAD G-LO2 ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	4.75E-16	4.23E-16	4.396531
34.554180	-215.458204	-2.22E-14	
0.25000	4.75E-16	4.23E-16	4.396531
34.554180	-216.529859	-2.23E-14	
0.50000	4.75E-16	4.23E-16	4.396531
34.554180	-217.601513	-2.24E-14	
0.75000	4.75E-16	4.23E-16	4.396531
34.554180	-218.673168	-2.25E-14	
1.00000	4.75E-16	4.23E-16	4.396531
34.554180	-219.744822	-2.26E-14	

LOAD E-LO ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	14.369780	1087.314	-1.32E-13
1.96E-15	2.33E-13	-1892.422	
0.25000	14.369780	1087.314	-1.32E-13
1.96E-15	2.66E-13	-2157.455	
0.50000	14.369780	1087.314	-1.32E-13
1.96E-15	2.98E-13	-2422.488	
0.75000	14.369780	1087.314	-1.32E-13
1.96E-15	3.30E-13	-2687.521	
1.00000	14.369780	1087.314	-1.32E-13
1.96E-15	3.62E-13	-2952.553	

LOAD WL ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	3.600712	145.961940	-1.77E-14
2.62E-16	3.12E-14	-253.317454	
0.25000	3.600712	145.961940	-1.77E-14
2.62E-16	3.56E-14	-288.895677	
0.50000	3.600712	145.961940	-1.77E-14
2.62E-16	3.99E-14	-324.473900	
0.75000	3.600712	145.961940	-1.77E-14
2.62E-16	4.42E-14	-360.052123	
1.00000	3.600712	145.961940	-1.77E-14
2.62E-16	4.85E-14	-395.630346	

LOAD G-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.52E-14	-359.729581	

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REL DIST T	P M2	V2 M3	V3
0.25000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.52E-14	-359.104426	
0.50000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.51E-14	-358.479271	
0.75000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.50E-14	-357.854116	
1.00000	-67.388843	-2.564738	2.33E-16
4.10E-16	4.50E-14	-357.228961	

LOAD E-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	0.014015	0.568113	-6.90E-17
1.02E-18	1.22E-16	-0.985963	
0.25000	0.014015	0.568113	-6.90E-17
1.02E-18	1.38E-16	-1.124440	
0.50000	0.014015	0.568113	-6.90E-17
1.02E-18	1.55E-16	-1.262918	
0.75000	0.014015	0.568113	-6.90E-17
1.02E-18	1.72E-16	-1.401395	
1.00000	0.014015	0.568113	-6.90E-17
1.02E-18	1.89E-16	-1.539873	

LOAD COL-TR ------------------

REL DIST T	P M2	V2 M3	V3
0.00000	0.045539	1.846008	-2.24E-16
3.31E-18	3.95E-16	-3.203753	
0.25000	0.045539	1.846008	-2.24E-16
3.31E-18	4.50E-16	-3.653718	
0.50000	0.045539	1.846008	-2.24E-16
3.31E-18	5.04E-16	-4.103682	
0.75000	0.045539	1.846008	-2.24E-16
3.31E-18	5.59E-16	-4.553647	
1.00000	0.045539	1.846008	-2.24E-16
3.31E-18	6.14E-16	-5.003611	

COMB SVB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	-2.28E-14
3.47E-15	3.81E-13	-3033.930	
0.25000	397.993296	214.614650	-2.66E-14
3.47E-15	3.87E-13	-3082.343	
0.50000	397.993296	246.606838	-3.05E-14
3.47E-15	3.94E-13	-3138.554	
0.75000	397.993296	278.599025	-3.44E-14
3.47E-15	4.02E-13	-3202.564	
1.00000	397.993296	310.591213	-3.83E-14
3.47E-15	4.11E-13	-3274.371	

COMB SVB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	-2.28E-14
3.47E-15	3.81E-13	-3033.930	
0.25000	397.993296	214.614650	-2.66E-14
3.47E-15	3.87E-13	-3082.343	
0.50000	397.993296	246.606838	-3.05E-14
3.47E-15	3.94E-13	-3138.554	
0.75000	397.993296	278.599025	-3.44E-14
3.47E-15	4.02E-13	-3202.564	
1.00000	397.993296	310.591213	-3.83E-14
3.47E-15	4.11E-13	-3274.371	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

COMB SVB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

COMB SVB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	13.125938
8.881358	-12.665601	-2293.830	
0.25000	302.328660	208.826194	14.661563
8.881358	-16.052203	-2340.832	
0.50000	302.328660	240.818381	16.197188
8.881358	-19.813113	-2395.633	
0.75000	302.328660	272.810569	17.732813

8.881358 -23.948332 -2458.231
1.00000 302.328660 304.802756 19.268438
8.881358 -28.457859 -2528.628

COMB SVB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	13.125938
8.881358	-12.665601	-2293.830	
0.25000	302.328660	208.826194	14.661563
8.881358	-16.052203	-2340.832	
0.50000	302.328660	240.818381	16.197188
8.881358	-19.813113	-2395.633	
0.75000	302.328660	272.810569	17.732813
8.881358	-23.948332	-2458.231	
1.00000	302.328660	304.802756	19.268438
8.881358	-28.457859	-2528.628	

COMB SVB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	6.562969
4.440679	-6.332801	-3033.930	
0.25000	397.993296	214.614650	7.330781
4.440679	-8.026101	-3082.343	
0.50000	397.993296	246.606838	8.098594
4.440679	-9.906557	-3138.554	
0.75000	397.993296	278.599025	8.866406
4.440679	-11.974166	-3202.564	
1.00000	397.993296	310.591213	9.634219
4.440679	-14.228930	-3274.371	

COMB SVB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	6.562969
4.440679	-6.332801	-3033.930	
0.25000	397.993296	214.614650	7.330781
4.440679	-8.026101	-3082.343	
0.50000	397.993296	246.606838	8.098594
4.440679	-9.906557	-3138.554	
0.75000	397.993296	278.599025	8.866406
4.440679	-11.974166	-3202.564	
1.00000	397.993296	310.591213	9.634219
4.440679	-14.228930	-3274.371	

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COMB SVB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	6.562969
4.440679	-6.332801	-2293.830	
0.25000	302.328660	208.826194	7.330781
4.440679	-8.026101	-2340.832	
0.50000	302.328660	240.818381	8.098594
4.440679	-9.906557	-2395.633	
0.75000	302.328660	272.810569	8.866406
4.440679	-11.974166	-2458.231	
1.00000	302.328660	304.802756	9.634219
4.440679	-14.228930	-2528.628	

COMB SVB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	6.562969
4.440679	-6.332801	-2293.830	
0.25000	302.328660	208.826194	7.330781
4.440679	-8.026101	-2340.832	
0.50000	302.328660	240.818381	8.098594
4.440679	-9.906557	-2395.633	
0.75000	302.328660	272.810569	8.866406
4.440679	-11.974166	-2458.231	
1.00000	302.328660	304.802756	9.634219
4.440679	-14.228930	-2528.628	

COMB SVB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	4.396531
34.554180	-215.458204	-3033.930	
0.25000	397.993296	214.614650	4.396531
34.554180	-216.529859	-3082.343	
0.50000	397.993296	246.606838	4.396531
34.554180	-217.601513	-3138.554	
0.75000	397.993296	278.599025	4.396531
34.554180	-218.673168	-3202.564	
1.00000	397.993296	310.591213	4.396531
34.554180	-219.744822	-3274.371	

COMB SVB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	4.396531
34.554180	-215.458204	-3033.930	
0.25000	397.993296	214.614650	4.396531
34.554180	-216.529859	-3082.343	
0.50000	397.993296	246.606838	4.396531
34.554180	-217.601513	-3138.554	
0.75000	397.993296	278.599025	4.396531
34.554180	-218.673168	-3202.564	
1.00000	397.993296	310.591213	4.396531
34.554180	-219.744822	-3274.371	

COMB SVB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	-2.28E-14
3.47E-15	3.81E-13	-3033.930	
0.25000	397.993296	214.614650	-2.66E-14
3.47E-15	3.87E-13	-3082.343	
0.50000	397.993296	246.606838	-3.05E-14
3.47E-15	3.94E-13	-3138.554	
0.75000	397.993296	278.599025	-3.44E-14
3.47E-15	4.02E-13	-3202.564	
1.00000	397.993296	310.591213	-3.83E-14
3.47E-15	4.11E-13	-3274.371	

COMB SVB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	-2.28E-14
3.47E-15	3.81E-13	-3033.930	
0.25000	397.993296	214.614650	-2.66E-14
3.47E-15	3.87E-13	-3082.343	
0.50000	397.993296	246.606838	-3.05E-14
3.47E-15	3.94E-13	-3138.554	
0.75000	397.993296	278.599025	-3.44E-14
3.47E-15	4.02E-13	-3202.564	
1.00000	397.993296	310.591213	-3.83E-14
3.47E-15	4.11E-13	-3274.371	

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COMB SVB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	4.396531
34.554180	-215.458204	-2293.830	
0.25000	302.328660	208.826194	4.396531
34.554180	-216.529859	-2340.832	
0.50000	302.328660	240.818381	4.396531
34.554180	-217.601513	-2395.633	
0.75000	302.328660	272.810569	4.396531
34.554180	-218.673168	-2458.231	
1.00000	302.328660	304.802756	4.396531
34.554180	-219.744822	-2528.628	

COMB SVB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	4.396531
34.554180	-215.458204	-2293.830	
0.25000	302.328660	208.826194	4.396531
34.554180	-216.529859	-2340.832	
0.50000	302.328660	240.818381	4.396531
34.554180	-217.601513	-2395.633	
0.75000	302.328660	272.810569	4.396531
34.554180	-218.673168	-2458.231	
1.00000	302.328660	304.802756	4.396531
34.554180	-219.744822	-2528.628	

COMB SVB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

COMB SVB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

COMB SVB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	17.522469
43.435538	-228.123806	-2293.830	
0.25000	302.328660	208.826194	19.058094
43.435538	-232.582062	-2340.832	
0.50000	302.328660	240.818381	20.593719
43.435538	-237.414626	-2395.633	
0.75000	302.328660	272.810569	22.129344
43.435538	-242.621500	-2458.231	
1.00000	302.328660	304.802756	23.664969
43.435538	-248.202682	-2528.628	

COMB SVB10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	17.522469
43.435538	-228.123806	-2293.830	
0.25000	302.328660	208.826194	19.058094
43.435538	-232.582062	-2340.832	
0.50000	302.328660	240.818381	20.593719
43.435538	-237.414626	-2395.633	
0.75000	302.328660	272.810569	22.129344
43.435538	-242.621500	-2458.231	
1.00000	302.328660	304.802756	23.664969
43.435538	-248.202682	-2528.628	

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COMB SVB11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	13.125938
8.881358	-12.665601	-2293.830	
0.25000	302.328660	208.826194	14.661563
8.881358	-16.052203	-2340.832	
0.50000	302.328660	240.818381	16.197188
8.881358	-19.813113	-2395.633	
0.75000	302.328660	272.810569	17.732813
8.881358	-23.948332	-2458.231	
1.00000	302.328660	304.802756	19.268438
8.881358	-28.457859	-2528.628	

COMB SVB11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	13.125938
8.881358	-12.665601	-2293.830	
0.25000	302.328660	208.826194	14.661563
8.881358	-16.052203	-2340.832	
0.50000	302.328660	240.818381	16.197188
8.881358	-19.813113	-2395.633	
0.75000	302.328660	272.810569	17.732813
8.881358	-23.948332	-2458.231	
1.00000	302.328660	304.802756	19.268438
8.881358	-28.457859	-2528.628	

COMB SVB12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	10.959500
38.994859	-221.791005	-3033.930	
0.25000	397.993296	214.614650	11.727312
38.994859	-224.555960	-3082.343	
0.50000	397.993296	246.606838	12.495125
38.994859	-227.508070	-3138.554	
0.75000	397.993296	278.599025	13.262937
38.994859	-230.647334	-3202.564	
1.00000	397.993296	310.591213	14.030750
38.994859	-233.973752	-3274.371	

COMB SVB12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	10.959500
38.994859	-221.791005	-3033.930	
0.25000	397.993296	214.614650	11.727312
38.994859	-224.555960	-3082.343	
0.50000	397.993296	246.606838	12.495125
38.994859	-227.508070	-3138.554	
0.75000	397.993296	278.599025	13.262937
38.994859	-230.647334	-3202.564	
1.00000	397.993296	310.591213	14.030750
38.994859	-233.973752	-3274.371	

COMB SVB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	6.562969
4.440679	-6.332801	-3033.930	
0.25000	397.993296	214.614650	7.330781
4.440679	-8.026101	-3082.343	
0.50000	397.993296	246.606838	8.098594
4.440679	-9.906557	-3138.554	
0.75000	397.993296	278.599025	8.866406
4.440679	-11.974166	-3202.564	
1.00000	397.993296	310.591213	9.634219
4.440679	-14.228930	-3274.371	

COMB SVB13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	397.993296	182.622463	6.562969
4.440679	-6.332801	-3033.930	
0.25000	397.993296	214.614650	7.330781
4.440679	-8.026101	-3082.343	
0.50000	397.993296	246.606838	8.098594
4.440679	-9.906557	-3138.554	
0.75000	397.993296	278.599025	8.866406
4.440679	-11.974166	-3202.564	
1.00000	397.993296	310.591213	9.634219
4.440679	-14.228930	-3274.371	

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COMB SVB14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	10.959500
38.994859	-221.791005	-2293.830	
0.25000	302.328660	208.826194	11.727312
38.994859	-224.555960	-2340.832	
0.50000	302.328660	240.818381	12.495125
38.994859	-227.508070	-2395.633	
0.75000	302.328660	272.810569	13.262937
38.994859	-230.647334	-2458.231	
1.00000	302.328660	304.802756	14.030750
38.994859	-233.973752	-2528.628	

COMB SVB14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	10.959500
38.994859	-221.791005	-2293.830	
0.25000	302.328660	208.826194	11.727312
38.994859	-224.555960	-2340.832	
0.50000	302.328660	240.818381	12.495125
38.994859	-227.508070	-2395.633	
0.75000	302.328660	272.810569	13.262937
38.994859	-230.647334	-2458.231	
1.00000	302.328660	304.802756	14.030750
38.994859	-233.973752	-2528.628	

COMB SVB15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	6.562969
4.440679	-6.332801	-2293.830	
0.25000	302.328660	208.826194	7.330781
4.440679	-8.026101	-2340.832	
0.50000	302.328660	240.818381	8.098594
4.440679	-9.906557	-2395.633	
0.75000	302.328660	272.810569	8.866406
4.440679	-11.974166	-2458.231	
1.00000	302.328660	304.802756	9.634219
4.440679	-14.228930	-2528.628	

COMB SVB15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	302.328660	176.834006	6.562969
4.440679	-6.332801	-2293.830	
0.25000	302.328660	208.826194	7.330781
4.440679	-8.026101	-2340.832	
0.50000	302.328660	240.818381	8.098594
4.440679	-9.906557	-2395.633	
0.75000	302.328660	272.810569	8.866406
4.440679	-11.974166	-2458.231	
1.00000	302.328660	304.802756	9.634219
4.440679	-14.228930	-2528.628	

COMB ULB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	
0.25000	598.706226	283.919234	-3.54E-14
5.22E-15	5.82E-13	-4637.330	
0.50000	598.706226	325.509077	-4.04E-14
5.22E-15	5.91E-13	-4711.604	
0.75000	598.706226	367.098921	-4.54E-14
5.22E-15	6.02E-13	-4796.016	
1.00000	598.706226	408.688765	-5.05E-14
5.22E-15	6.14E-13	-4890.565	

COMB ULB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	
0.25000	598.706226	283.919234	-3.54E-14
5.22E-15	5.82E-13	-4637.330	
0.50000	598.706226	325.509077	-4.04E-14
5.22E-15	5.91E-13	-4711.604	
0.75000	598.706226	367.098921	-4.54E-14
5.22E-15	6.02E-13	-4796.016	
1.00000	598.706226	408.688765	-5.05E-14
5.22E-15	6.14E-13	-4890.565	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	
0.25000	393.027257	271.474052	-3.35E-14
3.41E-15	3.82E-13	-3043.082	
0.50000	393.027257	313.063896	-3.86E-14
3.41E-15	3.91E-13	-3114.322	
0.75000	393.027257	354.653739	-4.36E-14
3.41E-15	4.01E-13	-3195.700	
1.00000	393.027257	396.243583	-4.86E-14
3.41E-15	4.12E-13	-3287.216	

COMB ULB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	
0.25000	393.027257	271.474052	-3.35E-14
3.41E-15	3.82E-13	-3043.082	
0.50000	393.027257	313.063896	-3.86E-14
3.41E-15	3.91E-13	-3114.322	
0.75000	393.027257	354.653739	-4.36E-14
3.41E-15	4.01E-13	-3195.700	
1.00000	393.027257	396.243583	-4.86E-14
3.41E-15	4.12E-13	-3287.216	

COMB ULB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	229.884208	17.063719
11.545765	-16.465282	-2981.979	
0.25000	393.027257	271.474052	19.060031
11.545765	-20.867864	-3043.082	
0.50000	393.027257	313.063896	21.056344
11.545765	-25.757047	-3114.322	
0.75000	393.027257	354.653739	23.052656
11.545765	-31.132831	-3195.700	
1.00000	393.027257	396.243583	25.048969
11.545765	-36.995217	-3287.216	

COMB ULB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	229.884208	17.063719
11.545765	-16.465282	-2981.979	
0.25000	393.027257	271.474052	19.060031
11.545765	-20.867864	-3043.082	
0.50000	393.027257	313.063896	21.056344
11.545765	-25.757047	-3114.322	
0.75000	393.027257	354.653739	23.052656
11.545765	-31.132831	-3195.700	
1.00000	393.027257	396.243583	25.048969
11.545765	-36.995217	-3287.216	

COMB ULB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	237.409202	8.531859
5.772883	-8.232641	-3944.109	
0.25000	517.391285	278.999045	9.530016
5.772883	-10.433932	-4007.046	
0.50000	517.391285	320.588889	10.528172
5.772883	-12.878524	-4080.121	
0.75000	517.391285	362.178733	11.526328
5.772883	-15.566416	-4163.333	
1.00000	517.391285	403.768577	12.524484
5.772883	-18.497609	-4256.683	

COMB ULB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	237.409202	8.531859
5.772883	-8.232641	-3944.109	
0.25000	517.391285	278.999045	9.530016
5.772883	-10.433932	-4007.046	
0.50000	517.391285	320.588889	10.528172
5.772883	-12.878524	-4080.121	
0.75000	517.391285	362.178733	11.526328
5.772883	-15.566416	-4163.333	
1.00000	517.391285	403.768577	12.524484
5.772883	-18.497609	-4256.683	

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COMB ULB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	229.884208	8.531859
5.772883	-8.232641	-2981.979	
0.25000	393.027257	271.474052	9.530016
5.772883	-10.433932	-3043.082	
0.50000	393.027257	313.063896	10.528172
5.772883	-12.878524	-3114.322	
0.75000	393.027257	354.653739	11.526328
5.772883	-15.566416	-3195.700	
1.00000	393.027257	396.243583	12.524484
5.772883	-18.497609	-3287.216	

COMB ULB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	393.027257	229.884208	8.531859
5.772883	-8.232641	-2981.979	
0.25000	393.027257	271.474052	9.530016
5.772883	-10.433932	-3043.082	
0.50000	393.027257	313.063896	10.528172
5.772883	-12.878524	-3114.322	
0.75000	393.027257	354.653739	11.526328
5.772883	-15.566416	-3195.700	
1.00000	393.027257	396.243583	12.524484
5.772883	-18.497609	-3287.216	

COMB ULB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	237.409202	5.715491
44.920434	-280.095666	-3944.109	
0.25000	517.391285	278.999045	5.715491
44.920434	-281.488816	-4007.046	
0.50000	517.391285	320.588889	5.715491
44.920434	-282.881967	-4080.121	
0.75000	517.391285	362.178733	5.715491
44.920434	-284.275118	-4163.333	
1.00000	517.391285	403.768577	5.715491
44.920434	-285.668269	-4256.683	

COMB ULB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	517.391285	237.409202	5.715491
44.920434	-280.095666	-3944.109	

0.25000	517.391285	278.999045	5.715491
44.920434	-281.488816	-4007.046	
0.50000	517.391285	320.588889	5.715491
44.920434	-282.881967	-4080.121	
0.75000	517.391285	362.178733	5.715491
44.920434	-284.275118	-4163.333	
1.00000	517.391285	403.768577	5.715491
44.920434	-285.668269	-4256.683	

COMB ULB07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	
0.25000	517.391285	278.999045	-3.46E-14
4.51E-15	5.03E-13	-4007.046	
0.50000	517.391285	320.588889	-3.97E-14
4.51E-15	5.12E-13	-4080.121	
0.75000	517.391285	362.178733	-4.47E-14
4.51E-15	5.22E-13	-4163.333	
1.00000	517.391285	403.768577	-4.98E-14
4.51E-15	5.34E-13	-4256.683	

COMB ULB07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	
0.25000	517.391285	278.999045	-3.46E-14
4.51E-15	5.03E-13	-4007.046	
0.50000	517.391285	320.588889	-3.97E-14
4.51E-15	5.12E-13	-4080.121	
0.75000	517.391285	362.178733	-4.47E-14
4.51E-15	5.22E-13	-4163.333	
1.00000	517.391285	403.768577	-4.98E-14
4.51E-15	5.34E-13	-4256.683	

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COMB ULB08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	229.884208	5.715491
44.920434	-280.095666	-2981.979	
0.25000	393.027257	271.474052	5.715491
44.920434	-281.488816	-3043.082	
0.50000	393.027257	313.063896	5.715491
44.920434	-282.881967	-3114.322	
0.75000	393.027257	354.653739	5.715491
44.920434	-284.275118	-3195.700	
1.00000	393.027257	396.243583	5.715491
44.920434	-285.668269	-3287.216	

COMB ULB08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	229.884208	5.715491
44.920434	-280.095666	-2981.979	
0.25000	393.027257	271.474052	5.715491
44.920434	-281.488816	-3043.082	
0.50000	393.027257	313.063896	5.715491
44.920434	-282.881967	-3114.322	
0.75000	393.027257	354.653739	5.715491
44.920434	-284.275118	-3195.700	
1.00000	393.027257	396.243583	5.715491
44.920434	-285.668269	-3287.216	

COMB ULB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	
0.25000	393.027257	271.474052	-3.35E-14
3.41E-15	3.82E-13	-3043.082	
0.50000	393.027257	313.063896	-3.86E-14
3.41E-15	3.91E-13	-3114.322	
0.75000	393.027257	354.653739	-4.36E-14
3.41E-15	4.01E-13	-3195.700	
1.00000	393.027257	396.243583	-4.86E-14
3.41E-15	4.12E-13	-3287.216	

COMB ULB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.027257	229.884208	-2.85E-14
3.41E-15	3.74E-13	-2981.979	
0.25000	393.027257	271.474052	-3.35E-14
3.41E-15	3.82E-13	-3043.082	
0.50000	393.027257	313.063896	-3.86E-14
3.41E-15	3.91E-13	-3114.322	
0.75000	393.027257	354.653739	-4.36E-14
3.41E-15	4.01E-13	-3195.700	
1.00000	393.027257	396.243583	-4.86E-14
3.41E-15	4.12E-13	-3287.216	

COMB ULB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	21.903086
54.294422	-285.154757	-2867.287	
0.25000	377.910824	261.032742	23.822617
54.294422	-290.727577	-2926.040	
0.50000	377.910824	301.022977	25.742148
54.294422	-296.768283	-2994.541	
0.75000	377.910824	341.013211	27.661680
54.294422	-303.276875	-3072.789	
1.00000	377.910824	381.003445	29.581211
54.294422	-310.253352	-3160.785	

COMB ULB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	21.903086
54.294422	-285.154757	-2867.287	
0.25000	377.910824	261.032742	23.822617
54.294422	-290.727577	-2926.040	
0.50000	377.910824	301.022977	25.742148
54.294422	-296.768283	-2994.541	
0.75000	377.910824	341.013211	27.661680
54.294422	-303.276875	-3072.789	
1.00000	377.910824	381.003445	29.581211
54.294422	-310.253352	-3160.785	

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COMB ULB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	16.407422
11.101697	-15.832002	-2867.287	
0.25000	377.910824	261.032742	18.326953
11.101697	-20.065254	-2926.040	
0.50000	377.910824	301.022977	20.246485
11.101697	-24.766391	-2994.541	
0.75000	377.910824	341.013211	22.166016
11.101697	-29.935415	-3072.789	
1.00000	377.910824	381.003445	24.085547
11.101697	-35.572324	-3160.785	

COMB ULB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	16.407422
11.101697	-15.832002	-2867.287	
0.25000	377.910824	261.032742	18.326953
11.101697	-20.065254	-2926.040	
0.50000	377.910824	301.022977	20.246485
11.101697	-24.766391	-2994.541	
0.75000	377.910824	341.013211	22.166016
11.101697	-29.935415	-3072.789	
1.00000	377.910824	381.003445	24.085547
11.101697	-35.572324	-3160.785	

COMB ULB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	228.278079	13.699375
48.743573	-277.238756	-3792.412	
0.25000	497.491620	268.268313	14.659141
48.743573	-280.694950	-3852.929	
0.50000	497.491620	308.258547	15.618906
48.743573	-284.385087	-3923.193	
0.75000	497.491620	348.248782	16.578672
48.743573	-288.309167	-4003.205	
1.00000	497.491620	388.239016	17.538437
48.743573	-292.467190	-4092.964	

COMB ULB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	228.278079	13.699375
48.743573	-277.238756	-3792.412	
0.25000	497.491620	268.268313	14.659141
48.743573	-280.694950	-3852.929	
0.50000	497.491620	308.258547	15.618906
48.743573	-284.385087	-3923.193	
0.75000	497.491620	348.248782	16.578672
48.743573	-288.309167	-4003.205	
1.00000	497.491620	388.239016	17.538437
48.743573	-292.467190	-4092.964	

COMB ULB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	228.278079	8.203711
5.550849	-7.916001	-3792.412	
0.25000	497.491620	268.268313	9.163477
5.550849	-10.032627	-3852.929	
0.50000	497.491620	308.258547	10.123242
5.550849	-12.383196	-3923.193	
0.75000	497.491620	348.248782	11.083008
5.550849	-14.967707	-4003.205	
1.00000	497.491620	388.239016	12.042774
5.550849	-17.786162	-4092.964	

COMB ULB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	497.491620	228.278079	8.203711
5.550849	-7.916001	-3792.412	
0.25000	497.491620	268.268313	9.163477
5.550849	-10.032627	-3852.929	
0.50000	497.491620	308.258547	10.123242
5.550849	-12.383196	-3923.193	
0.75000	497.491620	348.248782	11.083008
5.550849	-14.967707	-4003.205	
1.00000	497.491620	388.239016	12.042774
5.550849	-17.786162	-4092.964	

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COMB ULB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	13.699375
48.743573	-277.238756	-2867.287	
0.25000	377.910824	261.032742	14.659141
48.743573	-280.694950	-2926.040	
0.50000	377.910824	301.022977	15.618906
48.743573	-284.385087	-2994.541	
0.75000	377.910824	341.013211	16.578672
48.743573	-288.309167	-3072.789	
1.00000	377.910824	381.003445	17.538437
48.743573	-292.467190	-3160.785	

COMB ULB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	13.699375
48.743573	-277.238756	-2867.287	
0.25000	377.910824	261.032742	14.659141
48.743573	-280.694950	-2926.040	
0.50000	377.910824	301.022977	15.618906
48.743573	-284.385087	-2994.541	
0.75000	377.910824	341.013211	16.578672
48.743573	-288.309167	-3072.789	
1.00000	377.910824	381.003445	17.538437
48.743573	-292.467190	-3160.785	

COMB ULB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	8.203711
5.550849	-7.916001	-2867.287	
0.25000	377.910824	261.032742	9.163477
5.550849	-10.032627	-2926.040	
0.50000	377.910824	301.022977	10.123242
5.550849	-12.383196	-2994.541	
0.75000	377.910824	341.013211	11.083008
5.550849	-14.967707	-3072.789	
1.00000	377.910824	381.003445	12.042774
5.550849	-17.786162	-3160.785	

COMB ULB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	377.910824	221.042508	8.203711
5.550849	-7.916001	-2867.287	
0.25000	377.910824	261.032742	9.163477
5.550849	-10.032627	-2926.040	
0.50000	377.910824	301.022977	10.123242
5.550849	-12.383196	-2994.541	
0.75000	377.910824	341.013211	11.083008
5.550849	-14.967707	-3072.789	
1.00000	377.910824	381.003445	12.042774
5.550849	-17.786162	-3160.785	

COMB ULB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

COMB ULB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	
0.25000	517.391285	278.999045	-3.46E-14
4.51E-15	5.03E-13	-4007.046	
0.50000	517.391285	320.588889	-3.97E-14
4.51E-15	5.12E-13	-4080.121	
0.75000	517.391285	362.178733	-4.47E-14
4.51E-15	5.22E-13	-4163.333	
1.00000	517.391285	403.768577	-4.98E-14
4.51E-15	5.34E-13	-4256.683	

COMB ULB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.391285	237.409202	-2.96E-14
4.51E-15	4.95E-13	-3944.109	
0.25000	517.391285	278.999045	-3.46E-14
4.51E-15	5.03E-13	-4007.046	
0.50000	517.391285	320.588889	-3.97E-14
4.51E-15	5.12E-13	-4080.121	
0.75000	517.391285	362.178733	-4.47E-14
4.51E-15	5.22E-13	-4163.333	
1.00000	517.391285	403.768577	-4.98E-14
4.51E-15	5.34E-13	-4256.683	

COMB ULB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	212.200808	15.751125
10.657629	-15.198722	-2752.596	
0.25000	362.794391	250.591433	17.593875
10.657629	-19.262644	-2808.999	
0.50000	362.794391	288.982058	19.436625
10.657629	-23.775736	-2874.759	
0.75000	362.794391	327.372683	21.279375
10.657629	-28.737998	-2949.877	
1.00000	362.794391	365.763308	23.122125
10.657629	-34.149431	-3034.353	

COMB ULB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	362.794391	212.200808	15.751125
10.657629	-15.198722	-2752.596	
0.25000	362.794391	250.591433	17.593875
10.657629	-19.262644	-2808.999	
0.50000	362.794391	288.982058	19.436625
10.657629	-23.775736	-2874.759	
0.75000	362.794391	327.372683	21.279375
10.657629	-28.737998	-2949.877	
1.00000	362.794391	365.763308	23.122125
10.657629	-34.149431	-3034.353	

COMB UEB01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	189.279188	-2.38E-14
4.43E-15	4.88E-13	-3885.045	
0.25000	508.007629	221.271375	-2.76E-14
4.43E-15	4.94E-13	-3935.080	
0.50000	508.007629	253.263563	-3.15E-14
4.43E-15	5.01E-13	-3992.914	
0.75000	508.007629	285.255750	-3.54E-14
4.43E-15	5.09E-13	-4058.546	
1.00000	508.007629	317.247938	-3.93E-14
4.43E-15	5.19E-13	-4131.977	

COMB UEB01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	189.279188	-2.38E-14
4.43E-15	4.88E-13	-3885.045	
0.25000	508.007629	221.271375	-2.76E-14
4.43E-15	4.94E-13	-3935.080	
0.50000	508.007629	253.263563	-3.15E-14
4.43E-15	5.01E-13	-3992.914	
0.75000	508.007629	285.255750	-3.54E-14
4.43E-15	5.09E-13	-4058.546	
1.00000	508.007629	317.247938	-3.93E-14
4.43E-15	5.19E-13	-4131.977	

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COMB UEB02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

COMB UEB02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	-2.19E-14
2.63E-15	2.88E-13	-2293.830	
0.25000	302.328660	208.826194	-2.58E-14
2.63E-15	2.94E-13	-2340.832	
0.50000	302.328660	240.818381	-2.97E-14
2.63E-15	3.01E-13	-2395.633	
0.75000	302.328660	272.810569	-3.35E-14
2.63E-15	3.08E-13	-2458.231	
1.00000	302.328660	304.802756	-3.74E-14
2.63E-15	3.17E-13	-2528.628	

COMB UEB03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	17.063719
11.545765	-16.465282	-2293.830	
0.25000	302.328660	208.826194	19.060031
11.545765	-20.867864	-2340.832	
0.50000	302.328660	240.818381	21.056344
11.545765	-25.757047	-2395.633	
0.75000	302.328660	272.810569	23.052656
11.545765	-31.132831	-2458.231	
1.00000	302.328660	304.802756	25.048969
11.545765	-36.995217	-2528.628	

COMB UEB03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	17.063719
11.545765	-16.465282	-2293.830	
0.25000	302.328660	208.826194	19.060031
11.545765	-20.867864	-2340.832	
0.50000	302.328660	240.818381	21.056344
11.545765	-25.757047	-2395.633	
0.75000	302.328660	272.810569	23.052656
11.545765	-31.132831	-2458.231	
1.00000	302.328660	304.802756	25.048969
11.545765	-36.995217	-2528.628	

COMB UEB04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	184.359000	8.531859
5.772883	-8.232641	-3255.960	
0.25000	426.692687	216.351187	9.530016
5.772883	-10.433932	-3304.796	
0.50000	426.692687	248.343375	10.528172
5.772883	-12.878524	-3361.431	
0.75000	426.692687	280.335562	11.526328
5.772883	-15.566416	-3425.864	
1.00000	426.692687	312.327750	12.524484
5.772883	-18.497609	-3498.094	

COMB UEB04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	184.359000	8.531859
5.772883	-8.232641	-3255.960	
0.25000	426.692687	216.351187	9.530016
5.772883	-10.433932	-3304.796	
0.50000	426.692687	248.343375	10.528172
5.772883	-12.878524	-3361.431	
0.75000	426.692687	280.335562	11.526328
5.772883	-15.566416	-3425.864	
1.00000	426.692687	312.327750	12.524484
5.772883	-18.497609	-3498.094	

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COMB UEB05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	8.531859
5.772883	-8.232641	-2293.830	
0.25000	302.328660	208.826194	9.530016
5.772883	-10.433932	-2340.832	
0.50000	302.328660	240.818381	10.528172
5.772883	-12.878524	-2395.633	
0.75000	302.328660	272.810569	11.526328
5.772883	-15.566416	-2458.231	
1.00000	302.328660	304.802756	12.524484
5.772883	-18.497609	-2528.628	

COMB UEB05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	8.531859
5.772883	-8.232641	-2293.830	
0.25000	302.328660	208.826194	9.530016
5.772883	-10.433932	-2340.832	
0.50000	302.328660	240.818381	10.528172
5.772883	-12.878524	-2395.633	
0.75000	302.328660	272.810569	11.526328
5.772883	-15.566416	-2458.231	
1.00000	302.328660	304.802756	12.524484
5.772883	-18.497609	-2528.628	

COMB UEB06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	184.359000	5.715491
44.920434	-280.095666	-3255.960	
0.25000	426.692687	216.351187	5.715491
44.920434	-281.488816	-3304.796	
0.50000	426.692687	248.343375	5.715491
44.920434	-282.881967	-3361.431	
0.75000	426.692687	280.335562	5.715491
44.920434	-284.275118	-3425.864	
1.00000	426.692687	312.327750	5.715491
44.920434	-285.668269	-3498.094	

COMB UEB06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.692687	184.359000	5.715491
44.920434	-280.095666	-3255.960	
0.25000	426.692687	216.351187	5.715491
44.920434	-281.488816	-3304.796	
0.50000	426.692687	248.343375	5.715491
44.920434	-282.881967	-3361.431	
0.75000	426.692687	280.335562	5.715491
44.920434	-284.275118	-3425.864	
1.00000	426.692687	312.327750	5.715491
44.920434	-285.668269	-3498.094	

COMB UEB07 ------------------ MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	426.692687	184.359000	-2.30E-14	
3.72E-15	4.09E-13	-3255.960		
0.25000	426.692687	216.351187	-2.69E-14	
3.72E-15	4.15E-13	-3304.796		
0.50000	426.692687	248.343375	-3.08E-14	
3.72E-15	4.22E-13	-3361.431		
0.75000	426.692687	280.335562	-3.47E-14	
3.72E-15	4.30E-13	-3425.864		
1.00000	426.692687	312.327750	-3.85E-14	
3.72E-15	4.39E-13	-3498.094		

COMB UEB07 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	426.692687	184.359000	-2.30E-14	
3.72E-15	4.09E-13	-3255.960		
0.25000	426.692687	216.351187	-2.69E-14	
3.72E-15	4.15E-13	-3304.796		
0.50000	426.692687	248.343375	-3.08E-14	
3.72E-15	4.22E-13	-3361.431		
0.75000	426.692687	280.335562	-3.47E-14	
3.72E-15	4.30E-13	-3425.864		
1.00000	426.692687	312.327750	-3.85E-14	
3.72E-15	4.39E-13	-3498.094		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB08 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.328660	176.834006	5.715491	
44.920434	-280.095666	-2293.830		
0.25000	302.328660	208.826194	5.715491	
44.920434	-281.488816	-2340.832		
0.50000	302.328660	240.818381	5.715491	
44.920434	-282.881967	-2395.633		
0.75000	302.328660	272.810569	5.715491	
44.920434	-284.275118	-2458.231		
1.00000	302.328660	304.802756	5.715491	
44.920434	-285.668269	-2528.628		

COMB UEB08 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.328660	176.834006	5.715491	
44.920434	-280.095666	-2293.830		
0.25000	302.328660	208.826194	5.715491	
44.920434	-281.488816	-2340.832		
0.50000	302.328660	240.818381	5.715491	
44.920434	-282.881967	-2395.633		
0.75000	302.328660	272.810569	5.715491	
44.920434	-284.275118	-2458.231		
1.00000	302.328660	304.802756	5.715491	
44.920434	-285.668269	-2528.628		

COMB UEB09 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.328660	176.834006	-2.19E-14	
2.63E-15	2.88E-13	-2293.830		
0.25000	302.328660	208.826194	-2.58E-14	
2.63E-15	2.94E-13	-2340.832		
0.50000	302.328660	240.818381	-2.97E-14	
2.63E-15	3.01E-13	-2395.633		
0.75000	302.328660	272.810569	-3.35E-14	
2.63E-15	3.08E-13	-2458.231		
1.00000	302.328660	304.802756	-3.74E-14	
2.63E-15	3.17E-13	-2528.628		

COMB UEB09 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.328660	176.834006	-2.19E-14	
2.63E-15	2.88E-13	-2293.830		
0.25000	302.328660	208.826194	-2.58E-14	
2.63E-15	2.94E-13	-2340.832		
0.50000	302.328660	240.818381	-2.97E-14	
2.63E-15	3.01E-13	-2395.633		
0.75000	302.328660	272.810569	-3.35E-14	
2.63E-15	3.08E-13	-2458.231		
1.00000	302.328660	304.802756	-3.74E-14	
2.63E-15	3.17E-13	-2528.628		

COMB UEB10 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	21.903086	
54.294422	-285.154757	-2179.138		
0.25000	287.212227	198.384884	23.822617	
54.294422	-290.727577	-2223.791		
0.50000	287.212227	228.777462	25.742148	
54.294422	-296.768283	-2275.851		
0.75000	287.212227	259.170040	27.661680	
54.294422	-303.276875	-2335.320		
1.00000	287.212227	289.562618	29.581211	
54.294422	-310.253352	-2402.196		

COMB UEB10 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	21.903086	
54.294422	-285.154757	-2179.138		
0.25000	287.212227	198.384884	23.822617	
54.294422	-290.727577	-2223.791		
0.50000	287.212227	228.777462	25.742148	
54.294422	-296.768283	-2275.851		
0.75000	287.212227	259.170040	27.661680	
54.294422	-303.276875	-2335.320		
1.00000	287.212227	289.562618	29.581211	
54.294422	-310.253352	-2402.196		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB11 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	16.407422	
11.101697	-15.832002	-2179.138		
0.25000	287.212227	198.384884	18.326953	
11.101697	-20.065254	-2223.791		
0.50000	287.212227	228.777462	20.246485	
11.101697	-24.766391	-2275.851		
0.75000	287.212227	259.170040	22.166016	
11.101697	-29.935415	-2335.320		
1.00000	287.212227	289.562618	24.085547	
11.101697	-35.572324	-2402.196		

COMB UEB11 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	16.407422	
11.101697	-15.832002	-2179.138		
0.25000	287.212227	198.384884	18.326953	
11.101697	-20.065254	-2223.791		
0.50000	287.212227	228.777462	20.246485	
11.101697	-24.766391	-2275.851		
0.75000	287.212227	259.170040	22.166016	
11.101697	-29.935415	-2335.320		
1.00000	287.212227	289.562618	24.085547	
11.101697	-35.572324	-2402.196		

COMB UEB12 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	406.793023	175.227877	13.699375	
48.743573	-277.238756	-3104.263		
0.25000	406.793023	205.620455	14.659141	
48.743573	-280.694950	-3150.679		
0.50000	406.793023	236.013033	15.618906	
48.743573	-284.385087	-3204.503		
0.75000	406.793023	266.405611	16.578672	
48.743573	-288.309167	-3265.735		
1.00000	406.793023	296.798189	17.538437	
48.743573	-292.467190	-3334.376		

COMB UEB12 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	406.793023	175.227877	13.699375	
48.743573	-277.238756	-3104.263		
0.25000	406.793023	205.620455	14.659141	
48.743573	-280.694950	-3150.679		
0.50000	406.793023	236.013033	15.618906	
48.743573	-284.385087	-3204.503		
0.75000	406.793023	266.405611	16.578672	
48.743573	-288.309167	-3265.735		
1.00000	406.793023	296.798189	17.538437	
48.743573	-292.467190	-3334.376		

COMB UEB13 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	406.793023	175.227877	8.203711	
5.550849	-7.916001	-3104.263		
0.25000	406.793023	205.620455	9.163477	
5.550849	-10.032627	-3150.679		
0.50000	406.793023	236.013033	10.123242	
5.550849	-12.383196	-3204.503		
0.75000	406.793023	266.405611	11.083008	
5.550849	-14.967707	-3265.735		
1.00000	406.793023	296.798189	12.042774	
5.550849	-17.786162	-3334.376		

COMB UEB13 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	406.793023	175.227877	8.203711	
5.550849	-7.916001	-3104.263		
0.25000	406.793023	205.620455	9.163477	
5.550849	-10.032627	-3150.679		
0.50000	406.793023	236.013033	10.123242	
5.550849	-12.383196	-3204.503		
0.75000	406.793023	266.405611	11.083008	
5.550849	-14.967707	-3265.735		
1.00000	406.793023	296.798189	12.042774	
5.550849	-17.786162	-3334.376		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB14 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	13.699375	
48.743573	-277.238756	-2179.138		
0.25000	287.212227	198.384884	14.659141	
48.743573	-280.694950	-2223.791		
0.50000	287.212227	228.777462	15.618906	
48.743573	-284.385087	-2275.851		
0.75000	287.212227	259.170040	16.578672	
48.743573	-288.309167	-2335.320		
1.00000	287.212227	289.562618	17.538437	
48.743573	-292.467190	-2402.196		

COMB UEB14 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	13.699375	
48.743573	-277.238756	-2179.138		
0.25000	287.212227	198.384884	14.659141	
48.743573	-280.694950	-2223.791		
0.50000	287.212227	228.777462	15.618906	
48.743573	-284.385087	-2275.851		
0.75000	287.212227	259.170040	16.578672	
48.743573	-288.309167	-2335.320		
1.00000	287.212227	289.562618	17.538437	
48.743573	-292.467190	-2402.196		

COMB UEB15 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	8.203711	
5.550849	-7.916001	-2179.138		
0.25000	287.212227	198.384884	9.163477	
5.550849	-10.032627	-2223.791		
0.50000	287.212227	228.777462	10.123242	
5.550849	-12.383196	-2275.851		
0.75000	287.212227	259.170040	11.083008	
5.550849	-14.967707	-2335.320		
1.00000	287.212227	289.562618	12.042774	
5.550849	-17.786162	-2402.196		

COMB UEB15 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	287.212227	167.992306	8.203711	
5.550849	-7.916001	-2179.138		
0.25000	287.212227	198.384884	9.163477	
5.550849	-10.032627	-2223.791		
0.50000	287.212227	228.777462	10.123242	
5.550849	-12.383196	-2275.851		
0.75000	287.212227	259.170040	11.083008	
5.550849	-14.967707	-2335.320		
1.00000	287.212227	289.562618	12.042774	
5.550849	-17.786162	-2402.196		

COMB UEB16 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.328660	176.834006	-2.19E-14	
2.63E-15	2.88E-13	-2293.830		
0.25000	302.328660	208.826194	-2.58E-14	
2.63E-15	2.94E-13	-2340.832		
0.50000	302.328660	240.818381	-2.97E-14	
2.63E-15	3.01E-13	-2395.633		
0.75000	302.328660	272.810569	-3.35E-14	
2.63E-15	3.08E-13	-2458.231		
1.00000	302.328660	304.802756	-3.74E-14	
2.63E-15	3.17E-13	-2528.628		

COMB UEB16 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.328660	176.834006	-2.19E-14	
2.63E-15	2.88E-13	-2293.830		
0.25000	302.328660	208.826194	-2.58E-14	
2.63E-15	2.94E-13	-2340.832		
0.50000	302.328660	240.818381	-2.97E-14	
2.63E-15	3.01E-13	-2395.633		
0.75000	302.328660	272.810569	-3.35E-14	
2.63E-15	3.08E-13	-2458.231		
1.00000	302.328660	304.802756	-3.74E-14	
2.63E-15	3.17E-13	-2528.628		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB17 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	426.692687	184.359000	-2.30E-14	
3.72E-15	4.09E-13	-3255.960		
0.25000	426.692687	216.351187	-2.69E-14	
3.72E-15	4.15E-13	-3304.796		
0.50000	426.692687	248.343375	-3.08E-14	
3.72E-15	4.22E-13	-3361.431		
0.75000	426.692687	280.335562	-3.47E-14	
3.72E-15	4.30E-13	-3425.864		
1.00000	426.692687	312.327750	-3.85E-14	
3.72E-15	4.39E-13	-3498.094		

COMB UEB17 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	426.692687	184.359000	-2.30E-14	
3.72E-15	4.09E-13	-3255.960		
0.25000	426.692687	216.351187	-2.69E-14	
3.72E-15	4.15E-13	-3304.796		
0.50000	426.692687	248.343375	-3.08E-14	
3.72E-15	4.22E-13	-3361.431		
0.75000	426.692687	280.335562	-3.47E-14	
3.72E-15	4.30E-13	-3425.864		
1.00000	426.692687	312.327750	-3.85E-14	
3.72E-15	4.39E-13	-3498.094		

COMB UEB18 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	272.095794	159.150606	15.751125	
10.657629	-15.198722	-2064.447		
0.25000	272.095794	187.943574	17.593875	
10.657629	-19.262644	-2106.749		
0.50000	272.095794	216.736543	19.436625	
10.657629	-23.775736	-2156.069		
0.75000	272.095794	245.529512	21.279375	
10.657629	-28.737998	-2212.408		
1.00000	272.095794	274.322481	23.122125	
10.657629	-34.149431	-2275.765		

COMB UEB18 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	272.095794	159.150606	15.751125	
10.657629	-15.198722	-2064.447		
0.25000	272.095794	187.943574	17.593875	
10.657629	-19.262644	-2106.749		
0.50000	272.095794	216.736543	19.436625	
10.657629	-23.775736	-2156.069		
0.75000	272.095794	245.529512	21.279375	
10.657629	-28.737998	-2212.408		
1.00000	272.095794	274.322481	23.122125	
10.657629	-34.149431	-2275.765		

COMB SVO01 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	398.007311	183.190576	-2.28E-14	
3.47E-15	3.81E-13	-3034.916		
0.25000	398.007311	215.182764	-2.67E-14	
3.47E-15	3.87E-13	-3083.467		
0.50000	398.007311	247.174951	-3.06E-14	
3.47E-15	3.94E-13	-3139.817		
0.75000	398.007311	279.167139	-3.45E-14	
3.47E-15	4.02E-13	-3203.965		
1.00000	398.007311	311.159326	-3.83E-14	
3.47E-15	4.11E-13	-3275.911		

COMB SVO01 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	398.007311	183.190576	-2.28E-14	
3.47E-15	3.81E-13	-3034.916		
0.25000	398.007311	215.182764	-2.67E-14	
3.47E-15	3.87E-13	-3083.467		
0.50000	398.007311	247.174951	-3.06E-14	
3.47E-15	3.94E-13	-3139.817		
0.75000	398.007311	279.167139	-3.45E-14	
3.47E-15	4.02E-13	-3203.965		
1.00000	398.007311	311.159326	-3.83E-14	
3.47E-15	4.11E-13	-3275.911		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO02 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.342674	177.402120	-2.20E-14	
2.63E-15	2.88E-13	-2294.816		
0.25000	302.342674	209.394307	-2.59E-14	
2.63E-15	2.94E-13	-2341.957		
0.50000	302.342674	241.386495	-2.97E-14	
2.63E-15	3.01E-13	-2396.895		
0.75000	302.342674	273.378682	-3.36E-14	
2.63E-15	3.08E-13	-2459.632		
1.00000	302.342674	305.370870	-3.75E-14	
2.63E-15	3.17E-13	-2530.168		

COMB SVO02 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	302.342674	177.402120	-2.20E-14	
2.63E-15	2.88E-13	-2294.816		
0.25000	302.342674	209.394307	-2.59E-14	
2.63E-15	2.94E-13	-2341.957		
0.50000	302.342674	241.386495	-2.97E-14	
2.63E-15	3.01E-13	-2396.895		
0.75000	302.342674	273.378682	-3.36E-14	
2.63E-15	3.08E-13	-2459.632		
1.00000	302.342674	305.370870	-3.75E-14	
2.63E-15	3.17E-13	-2530.168		

COMB SVO03 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	316.712455	1264.716	-1.54E-13	
4.58E-15	5.21E-13	-4187.238		
0.25000	316.712455	1296.708	-1.58E-13	
4.58E-15	5.60E-13	-4499.412		
0.50000	316.712455	1328.700	-1.62E-13	
4.58E-15	5.98E-13	-4819.383		
0.75000	316.712455	1360.692	-1.66E-13	
4.58E-15	6.38E-13	-5147.153		
1.00000	316.712455	1392.685	-1.70E-13	
4.58E-15	6.79E-13	-5482.721		

COMB SVO03 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	316.712455	1264.716	-1.54E-13	
4.58E-15	5.21E-13	-4187.238		
0.25000	316.712455	1296.708	-1.58E-13	
4.58E-15	5.60E-13	-4499.412		
0.50000	316.712455	1328.700	-1.62E-13	
4.58E-15	5.98E-13	-4819.383		
0.75000	316.712455	1360.692	-1.66E-13	
4.58E-15	6.38E-13	-5147.153		
1.00000	316.712455	1392.685	-1.70E-13	
4.58E-15	6.79E-13	-5482.721		

COMB SVO04 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	408.792913	872.809392	-1.07E-13	
4.71E-15	5.29E-13	-4234.444		
0.25000	408.792913	904.801579	-1.10E-13	
4.71E-15	5.55E-13	-4451.091		
0.50000	408.792913	936.793767	-1.14E-13	
4.71E-15	5.83E-13	-4675.535		
0.75000	408.792913	968.785954	-1.18E-13	
4.71E-15	6.11E-13	-4907.778		
1.00000	408.792913	1000.778	-1.22E-13	
4.71E-15	6.40E-13	-5147.818		

COMB SVO04 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	408.792913	872.809392	-1.07E-13	
4.71E-15	5.29E-13	-4234.444		
0.25000	408.792913	904.801579	-1.10E-13	
4.71E-15	5.55E-13	-4451.091		
0.50000	408.792913	936.793767	-1.14E-13	
4.71E-15	5.83E-13	-4675.535		
0.75000	408.792913	968.785954	-1.18E-13	
4.71E-15	6.11E-13	-4907.778		
1.00000	408.792913	1000.778	-1.22E-13	
4.71E-15	6.40E-13	-5147.818		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO05 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	313.128276	867.020935	-1.06E-13	
3.87E-15	4.36E-13	-3494.344		
0.25000	313.128276	899.013123	-1.10E-13	
3.87E-15	4.62E-13	-3709.580		
0.50000	313.128276	931.005310	-1.13E-13	
3.87E-15	4.89E-13	-3932.613		
0.75000	313.128276	962.997498	-1.17E-13	
3.87E-15	5.18E-13	-4163.445		
1.00000	313.128276	994.989685	-1.21E-13	
3.87E-15	5.47E-13	-4402.075		

COMB SVO05 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	313.128276	867.020935	-1.06E-13	
3.87E-15	4.36E-13	-3494.344		
0.25000	313.128276	899.013123	-1.10E-13	
3.87E-15	4.62E-13	-3709.580		
0.50000	313.128276	931.005310	-1.13E-13	
3.87E-15	4.89E-13	-3932.613		
0.75000	313.128276	962.997498	-1.17E-13	
3.87E-15	5.18E-13	-4163.445		
1.00000	313.128276	994.989685	-1.21E-13	
3.87E-15	5.47E-13	-4402.075		

COMB SVO06 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	330.618468	180.625838	-2.26E-14	
3.88E-15	4.26E-13	-3394.645		
0.25000	330.618468	212.618025	-2.65E-14	
3.88E-15	4.32E-13	-3442.572		
0.50000	330.618468	244.610213	-3.04E-14	
3.88E-15	4.39E-13	-3498.297		
0.75000	330.618468	276.602400	-3.42E-14	
3.88E-15	4.47E-13	-3561.819		
1.00000	330.618468	308.594588	-3.81E-14	
3.88E-15	4.56E-13	-3633.140		

COMB SVO06 ---------- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	330.618468	180.625838	-2.26E-14	
3.88E-15	4.26E-13	-3394.645		
0.25000	330.618468	212.618025	-2.65E-14	
3.88E-15	4.32E-13	-3442.572		
0.50000	330.618468	244.610213	-3.04E-14	
3.88E-15	4.39E-13	-3498.297		
0.75000	330.618468	276.602400	-3.42E-14	
3.88E-15	4.47E-13	-3561.819		
1.00000	330.618468	308.594588	-3.81E-14	
3.88E-15	4.56E-13	-3633.140		

COMB SVO07 ---------- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	398.007311	183.190576	-2.28E-14	
3.47E-15	3.81E-13	-3034.916		
0.25000	398.007311	215.182764	-2.67E-14	
3.47E-15	3.87E-13	-3083.467		
0.50000	398.007311	247.174951	-3.06E-14	
3.47E-15	3.94E-13	-3139.817		
0.75000	398.007311	279.167139	-3.45E-14	

3.47E-15	4.02E-13	-3203.965
1.00000	398.007311	311.159326	-3.83E-14
3.47E-15	4.11E-13	-3275.911

COMB SVO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	398.007311	183.190576	-2.28E-14
3.47E-15	3.81E-13	-3034.916	
0.25000	398.007311	215.182764	-2.67E-14
3.47E-15	3.87E-13	-3083.467	
0.50000	398.007311	247.174951	-3.06E-14
3.47E-15	3.94E-13	-3139.817	
0.75000	398.007311	279.167139	-3.45E-14
3.47E-15	4.02E-13	-3203.965	
1.00000	398.007311	311.159326	-3.83E-14
3.47E-15	4.11E-13	-3275.911	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	174.837381	-2.17E-14
3.04E-15	3.33E-13	-2654.545	
0.25000	234.953831	206.829569	-2.56E-14
3.04E-15	3.39E-13	-2701.061	
0.50000	234.953831	238.821756	-2.95E-14
3.04E-15	3.46E-13	-2755.375	
0.75000	234.953831	270.813944	-3.34E-14
3.04E-15	3.53E-13	-2817.487	
1.00000	234.953831	302.806131	-3.72E-14
3.04E-15	3.62E-13	-2887.397	

COMB SVO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	234.953831	174.837381	-2.17E-14
3.04E-15	3.33E-13	-2654.545	
0.25000	234.953831	206.829569	-2.56E-14
3.04E-15	3.39E-13	-2701.061	
0.50000	234.953831	238.821756	-2.95E-14
3.04E-15	3.46E-13	-2755.375	
0.75000	234.953831	270.813944	-3.34E-14
3.04E-15	3.53E-13	-2817.487	
1.00000	234.953831	302.806131	-3.72E-14
3.04E-15	3.62E-13	-2887.397	

COMB SVO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	
0.25000	302.342674	209.394307	-2.59E-14
2.63E-15	2.94E-13	-2341.957	
0.50000	302.342674	241.386495	-2.97E-14
2.63E-15	3.01E-13	-2396.895	
0.75000	302.342674	273.378682	-3.36E-14
2.63E-15	3.08E-13	-2459.632	
1.00000	302.342674	305.370870	-3.75E-14
2.63E-15	3.17E-13	-2530.168	

COMB SVO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	
0.25000	302.342674	209.394307	-2.59E-14
2.63E-15	2.94E-13	-2341.957	
0.50000	302.342674	241.386495	-2.97E-14
2.63E-15	3.01E-13	-2396.895	
0.75000	302.342674	273.378682	-3.36E-14
2.63E-15	3.08E-13	-2459.632	
1.00000	302.342674	305.370870	-3.75E-14
2.63E-15	3.17E-13	-2530.168	

COMB SVO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	1262.151	-1.54E-13
4.99E-15	5.67E-13	-4546.968	
0.25000	249.323611	1294.143	-1.58E-13
4.99E-15	6.05E-13	-4858.516	
0.50000	249.323611	1326.136	-1.62E-13
4.99E-15	6.44E-13	-5177.863	
0.75000	249.323611	1358.128	-1.65E-13
4.99E-15	6.83E-13	-5505.007	
1.00000	249.323611	1390.120	-1.69E-13
4.99E-15	7.24E-13	-5839.950	

COMB SVO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	249.323611	1262.151	-1.54E-13
4.99E-15	5.67E-13	-4546.968	
0.25000	249.323611	1294.143	-1.58E-13
4.99E-15	6.05E-13	-4858.516	
0.50000	249.323611	1326.136	-1.62E-13
4.99E-15	6.44E-13	-5177.863	
0.75000	249.323611	1358.128	-1.65E-13
4.99E-15	6.83E-13	-5505.007	
1.00000	249.323611	1390.120	-1.69E-13
4.99E-15	7.24E-13	-5839.950	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1264.716	-1.54E-13
4.58E-15	5.21E-13	-4187.238	
0.25000	316.712455	1296.708	-1.58E-13
4.58E-15	5.60E-13	-4499.412	
0.50000	316.712455	1328.700	-1.62E-13
4.58E-15	5.98E-13	-4819.383	
0.75000	316.712455	1360.692	-1.66E-13
4.58E-15	6.38E-13	-5147.153	
1.00000	316.712455	1392.685	-1.70E-13
4.58E-15	6.79E-13	-5482.721	

COMB SVO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.712455	1264.716	-1.54E-13
4.58E-15	5.21E-13	-4187.238	
0.25000	316.712455	1296.708	-1.58E-13
4.58E-15	5.60E-13	-4499.412	
0.50000	316.712455	1328.700	-1.62E-13
4.58E-15	5.98E-13	-4819.383	
0.75000	316.712455	1360.692	-1.66E-13
4.58E-15	6.38E-13	-5147.153	
1.00000	316.712455	1392.685	-1.70E-13
4.58E-15	6.79E-13	-5482.721	

COMB SVO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	870.244653	-1.06E-13
5.12E-15	5.74E-13	-4594.174	
0.25000	341.404070	902.236841	-1.10E-13
5.12E-15	6.01E-13	-4810.195	
0.50000	341.404070	934.229028	-1.14E-13
5.12E-15	6.28E-13	-5034.014	
0.75000	341.404070	966.221216	-1.18E-13
5.12E-15	6.56E-13	-5265.632	
1.00000	341.404070	998.213403	-1.22E-13
5.12E-15	6.85E-13	-5505.047	

COMB SVO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	341.404070	870.244653	-1.06E-13
5.12E-15	5.74E-13	-4594.174	
0.25000	341.404070	902.236841	-1.10E-13
5.12E-15	6.01E-13	-4810.195	
0.50000	341.404070	934.229028	-1.14E-13
5.12E-15	6.28E-13	-5034.014	
0.75000	341.404070	966.221216	-1.18E-13
5.12E-15	6.56E-13	-5265.632	
1.00000	341.404070	998.213403	-1.22E-13
5.12E-15	6.85E-13	-5505.047	

COMB SVO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	872.809392	-1.07E-13
4.71E-15	5.29E-13	-4234.444	
0.25000	408.792913	904.801579	-1.10E-13
4.71E-15	5.55E-13	-4451.091	
0.50000	408.792913	936.793767	-1.14E-13
4.71E-15	5.83E-13	-4675.535	
0.75000	408.792913	968.785954	-1.18E-13
4.71E-15	6.11E-13	-4907.778	
1.00000	408.792913	1000.778	-1.22E-13
4.71E-15	6.40E-13	-5147.818	

COMB SVO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	408.792913	872.809392	-1.07E-13
4.71E-15	5.29E-13	-4234.444	
0.25000	408.792913	904.801579	-1.10E-13
4.71E-15	5.55E-13	-4451.091	
0.50000	408.792913	936.793767	-1.14E-13
4.71E-15	5.83E-13	-4675.535	
0.75000	408.792913	968.785954	-1.18E-13
4.71E-15	6.11E-13	-4907.778	
1.00000	408.792913	1000.778	-1.22E-13
4.71E-15	6.40E-13	-5147.818	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	864.456197	-1.06E-13
4.28E-15	4.81E-13	-3854.074	
0.25000	245.739433	896.448384	-1.09E-13
4.28E-15	5.07E-13	-4068.684	
0.50000	245.739433	928.440572	-1.13E-13
4.28E-15	5.35E-13	-4291.093	
0.75000	245.739433	960.432759	-1.17E-13
4.28E-15	5.63E-13	-4521.299	
1.00000	245.739433	992.424947	-1.21E-13
4.28E-15	5.92E-13	-4759.304	

COMB SVO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	245.739433	864.456197	-1.06E-13
4.28E-15	4.81E-13	-3854.074	
0.25000	245.739433	896.448384	-1.09E-13
4.28E-15	5.07E-13	-4068.684	
0.50000	245.739433	928.440572	-1.13E-13
4.28E-15	5.35E-13	-4291.093	
0.75000	245.739433	960.432759	-1.17E-13
4.28E-15	5.63E-13	-4521.299	
1.00000	245.739433	992.424947	-1.21E-13
4.28E-15	5.92E-13	-4759.304	

COMB SVO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	867.020935	-1.06E-13
3.87E-15	4.36E-13	-3494.344	
0.25000	313.128276	899.013123	-1.10E-13
3.87E-15	4.62E-13	-3709.580	
0.50000	313.128276	931.005310	-1.13E-13
3.87E-15	4.89E-13	-3932.613	
0.75000	313.128276	962.997498	-1.17E-13
3.87E-15	5.18E-13	-4163.445	
1.00000	313.128276	994.989685	-1.21E-13
3.87E-15	5.47E-13	-4402.075	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	313.128276	867.020935	-1.06E-13
3.87E-15	4.36E-13	-3494.344	
0.25000	313.128276	899.013123	-1.10E-13
3.87E-15	4.62E-13	-3709.580	
0.50000	313.128276	931.005310	-1.13E-13
3.87E-15	4.89E-13	-3932.613	
0.75000	313.128276	962.997498	-1.17E-13
3.87E-15	5.18E-13	-4163.445	
1.00000	313.128276	994.989685	-1.21E-13
3.87E-15	5.47E-13	-4402.075	

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	
0.25000	598.724446	284.657781	-3.55E-14
5.22E-15	5.82E-13	-4638.792	
0.50000	598.724446	326.247625	-4.05E-14
5.22E-15	5.92E-13	-4713.246	
0.75000	598.724446	367.837468	-4.55E-14
5.22E-15	6.02E-13	-4797.838	
1.00000	598.724446	409.427312	-5.06E-14
5.22E-15	6.14E-13	-4892.567	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	
0.25000	598.724446	284.657781	-3.55E-14
5.22E-15	5.82E-13	-4638.792	
0.50000	598.724446	326.247625	-4.05E-14
5.22E-15	5.92E-13	-4713.246	
0.75000	598.724446	367.837468	-4.55E-14
5.22E-15	6.02E-13	-4797.838	
1.00000	598.724446	409.427312	-5.06E-14
5.22E-15	6.14E-13	-4892.567	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	
0.25000	393.045476	272.212599	-3.36E-14
3.41E-15	3.82E-13	-3044.544	
0.50000	393.045476	313.802443	-3.87E-14
3.41E-15	3.91E-13	-3115.964	
0.75000	393.045476	355.392287	-4.37E-14
3.41E-15	4.01E-13	-3197.522	
1.00000	393.045476	396.982130	-4.87E-14
3.41E-15	4.12E-13	-3289.218	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	
0.25000	393.045476	272.212599	-3.36E-14
3.41E-15	3.82E-13	-3044.544	
0.50000	393.045476	313.802443	-3.87E-14
3.41E-15	3.91E-13	-3115.964	
0.75000	393.045476	355.392287	-4.37E-14
3.41E-15	4.01E-13	-3197.522	
1.00000	393.045476	396.982130	-4.87E-14
3.41E-15	4.12E-13	-3289.218	

COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1644.131	-2.00E-13
5.96E-15	6.78E-13	-5443.410	
0.25000	411.726191	1685.720	-2.05E-13
5.96E-15	7.27E-13	-5849.235	
0.50000	411.726191	1727.310	-2.10E-13
5.96E-15	7.78E-13	-6265.198	
0.75000	411.726191	1768.900	-2.15E-13
5.96E-15	8.30E-13	-6691.299	
1.00000	411.726191	1810.490	-2.20E-13
5.96E-15	8.83E-13	-7127.537	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	411.726191	1644.131	-2.00E-13
5.96E-15	6.78E-13	-5443.410	
0.25000	411.726191	1685.720	-2.05E-13
5.96E-15	7.27E-13	-5849.235	
0.50000	411.726191	1727.310	-2.10E-13
5.96E-15	7.78E-13	-6265.198	
0.75000	411.726191	1768.900	-2.15E-13
5.96E-15	8.30E-13	-6691.299	
1.00000	411.726191	1810.490	-2.20E-13
5.96E-15	8.83E-13	-7127.537	

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	1134.652	-1.39E-13
6.12E-15	6.88E-13	-5504.778	
0.25000	531.430787	1176.242	-1.44E-13
6.12E-15	7.22E-13	-5786.418	
0.50000	531.430787	1217.832	-1.49E-13
6.12E-15	7.58E-13	-6078.196	
0.75000	531.430787	1259.422	-1.54E-13
6.12E-15	7.95E-13	-6380.111	
1.00000	531.430787	1301.012	-1.59E-13
6.12E-15	8.33E-13	-6692.164	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	531.430787	1134.652	-1.39E-13
6.12E-15	6.88E-13	-5504.778	
0.25000	531.430787	1176.242	-1.44E-13
6.12E-15	7.22E-13	-5786.418	
0.50000	531.430787	1217.832	-1.49E-13
6.12E-15	7.58E-13	-6078.196	
0.75000	531.430787	1259.422	-1.54E-13
6.12E-15	7.95E-13	-6380.111	
1.00000	531.430787	1301.012	-1.59E-13
6.12E-15	8.33E-13	-6692.164	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	1127.127	-1.37E-13
5.03E-15	5.67E-13	-4542.648	
0.25000	407.066759	1168.717	-1.42E-13
5.03E-15	6.01E-13	-4822.454	
0.50000	407.066759	1210.307	-1.48E-13
5.03E-15	6.36E-13	-5112.397	
0.75000	407.066759	1251.897	-1.53E-13
5.03E-15	6.73E-13	-5412.478	
1.00000	407.066759	1293.487	-1.58E-13
5.03E-15	7.11E-13	-5722.697	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	407.066759	1127.127	-1.37E-13
5.03E-15	5.67E-13	-4542.648	
0.25000	407.066759	1168.717	-1.42E-13
5.03E-15	6.01E-13	-4822.454	
0.50000	407.066759	1210.307	-1.48E-13
5.03E-15	6.36E-13	-5112.397	
0.75000	407.066759	1251.897	-1.53E-13
5.03E-15	6.73E-13	-5412.478	
1.00000	407.066759	1293.487	-1.58E-13
5.03E-15	7.11E-13	-5722.697	

COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	234.813589	-2.94E-14
5.04E-15	5.54E-13	-4413.039	
0.25000	429.804008	276.403433	-3.44E-14
5.04E-15	5.62E-13	-4475.343	
0.50000	429.804008	317.993276	-3.95E-14
5.04E-15	5.71E-13	-4547.786	
0.75000	429.804008	359.583120	-4.45E-14
5.04E-15	5.81E-13	-4630.365	
1.00000	429.804008	401.172964	-4.95E-14
5.04E-15	5.93E-13	-4723.082	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	429.804008	234.813589	-2.94E-14
5.04E-15	5.54E-13	-4413.039	
0.25000	429.804008	276.403433	-3.44E-14
5.04E-15	5.62E-13	-4475.343	
0.50000	429.804008	317.993276	-3.95E-14
5.04E-15	5.71E-13	-4547.786	
0.75000	429.804008	359.583120	-4.45E-14
5.04E-15	5.81E-13	-4630.365	
1.00000	429.804008	401.172964	-4.95E-14
5.04E-15	5.93E-13	-4723.082	

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	
0.25000	517.409504	279.737593	-3.47E-14
4.51E-15	5.03E-13	-4008.508	
0.50000	517.409504	321.327436	-3.98E-14
4.51E-15	5.12E-13	-4081.762	
0.75000	517.409504	362.917280	-4.48E-14
4.51E-15	5.23E-13	-4165.155	
1.00000	517.409504	404.507124	-4.98E-14
4.51E-15	5.34E-13	-4258.685	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	
0.25000	517.409504	279.737593	-3.47E-14
4.51E-15	5.03E-13	-4008.508	
0.50000	517.409504	321.327436	-3.98E-14
4.51E-15	5.12E-13	-4081.762	
0.75000	517.409504	362.917280	-4.48E-14
4.51E-15	5.23E-13	-4165.155	
1.00000	517.409504	404.507124	-4.98E-14
4.51E-15	5.34E-13	-4258.685	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	227.288595	-2.83E-14
3.95E-15	4.33E-13	-3450.909	
0.25000	305.439980	268.878439	-3.33E-14
3.95E-15	4.41E-13	-3511.379	
0.50000	305.439980	310.468283	-3.83E-14
3.95E-15	4.49E-13	-3581.987	
0.75000	305.439980	352.058127	-4.34E-14
3.95E-15	4.59E-13	-3662.733	
1.00000	305.439980	393.647970	-4.84E-14
3.95E-15	4.71E-13	-3753.616	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.439980	227.288595	-2.83E-14
3.95E-15	4.33E-13	-3450.909	
0.25000	305.439980	268.878439	-3.33E-14
3.95E-15	4.41E-13	-3511.379	
0.50000	305.439980	310.468283	-3.83E-14
3.95E-15	4.49E-13	-3581.987	
0.75000	305.439980	352.058127	-4.34E-14
3.95E-15	4.59E-13	-3662.733	
1.00000	305.439980	393.647970	-4.84E-14
3.95E-15	4.71E-13	-3753.616	

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	
0.25000	393.045476	272.212599	-3.36E-14
3.41E-15	3.82E-13	-3044.544	
0.50000	393.045476	313.802443	-3.87E-14
3.41E-15	3.91E-13	-3115.964	
0.75000	393.045476	355.392287	-4.37E-14
3.41E-15	4.01E-13	-3197.522	
1.00000	393.045476	396.982130	-4.87E-14
3.41E-15	4.12E-13	-3289.218	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	393.045476	230.622755	-2.86E-14
3.41E-15	3.74E-13	-2983.260	
0.25000	393.045476	272.212599	-3.36E-14
3.41E-15	3.82E-13	-3044.544	
0.50000	393.045476	313.802443	-3.87E-14
3.41E-15	3.91E-13	-3115.964	
0.75000	393.045476	355.392287	-4.37E-14
3.41E-15	4.01E-13	-3197.522	
1.00000	393.045476	396.982130	-4.87E-14
3.41E-15	4.12E-13	-3289.218	

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1577.689	-1.92E-13
6.24E-15	7.08E-13	-5683.710	
0.25000	311.654514	1617.679	-1.97E-13
6.24E-15	7.56E-13	-6073.145	
0.50000	311.654514	1657.669	-2.02E-13
6.24E-15	8.04E-13	-6472.328	
0.75000	311.654514	1697.660	-2.07E-13
6.24E-15	8.54E-13	-6881.259	
1.00000	311.654514	1737.650	-2.12E-13
6.24E-15	9.05E-13	-7299.937	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	311.654514	1577.689	-1.92E-13
6.24E-15	7.08E-13	-5683.710	

0.25000	311.654514	1617.679	-1.97E-13
6.24E-15	7.56E-13	-6073.145	
0.50000	311.654514	1657.669	-2.02E-13
6.24E-15	8.04E-13	-6472.328	
0.75000	311.654514	1697.660	-2.07E-13
6.24E-15	8.54E-13	-6881.259	
1.00000	311.654514	1737.650	-2.12E-13
6.24E-15	9.05E-13	-7299.937	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1580.895	-1.93E-13
5.73E-15	6.52E-13	-5234.048	
0.25000	395.890568	1620.885	-1.97E-13
5.73E-15	6.99E-13	-5624.265	
0.50000	395.890568	1660.875	-2.02E-13
5.73E-15	7.48E-13	-6024.229	
0.75000	395.890568	1700.866	-2.07E-13
5.73E-15	7.98E-13	-6433.941	
1.00000	395.890568	1740.856	-2.12E-13
5.73E-15	8.49E-13	-6853.401	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	395.890568	1580.895	-1.93E-13
5.73E-15	6.52E-13	-5234.048	
0.25000	395.890568	1620.885	-1.97E-13
5.73E-15	6.99E-13	-5624.265	
0.50000	395.890568	1660.875	-2.02E-13
5.73E-15	7.48E-13	-6024.229	
0.75000	395.890568	1700.866	-2.07E-13
5.73E-15	7.98E-13	-6433.941	
1.00000	395.890568	1740.856	-2.12E-13
5.73E-15	8.49E-13	-6853.401	

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	1087.806	-1.33E-13
6.40E-15	7.18E-13	-5742.717	
0.25000	426.755087	1127.796	-1.38E-13
6.40E-15	7.51E-13	-6012.744	
0.50000	426.755087	1167.786	-1.43E-13
6.40E-15	7.85E-13	-6292.518	
0.75000	426.755087	1207.777	-1.47E-13
6.40E-15	8.20E-13	-6582.040	
1.00000	426.755087	1247.767	-1.52E-13
6.40E-15	8.57E-13	-6881.309	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.755087	1087.806	-1.33E-13
6.40E-15	7.18E-13	-5742.717	
0.25000	426.755087	1127.796	-1.38E-13
6.40E-15	7.51E-13	-6012.744	
0.50000	426.755087	1167.786	-1.43E-13
6.40E-15	7.85E-13	-6292.518	
0.75000	426.755087	1207.777	-1.47E-13
6.40E-15	8.20E-13	-6582.040	
1.00000	426.755087	1247.767	-1.52E-13
6.40E-15	8.57E-13	-6881.309	

COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	1091.012	-1.33E-13
5.88E-15	6.61E-13	-5293.055	
0.25000	510.991141	1131.002	-1.38E-13
5.88E-15	6.94E-13	-5563.863	
0.50000	510.991141	1170.992	-1.43E-13
5.88E-15	7.29E-13	-5844.419	
0.75000	510.991141	1210.982	-1.48E-13
5.88E-15	7.64E-13	-6134.722	
1.00000	510.991141	1250.973	-1.53E-13
5.88E-15	8.01E-13	-6434.773	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	510.991141	1091.012	-1.33E-13
5.88E-15	6.61E-13	-5293.055	
0.25000	510.991141	1131.002	-1.38E-13
5.88E-15	6.94E-13	-5563.863	
0.50000	510.991141	1170.992	-1.43E-13
5.88E-15	7.29E-13	-5844.419	
0.75000	510.991141	1210.982	-1.48E-13
5.88E-15	7.64E-13	-6134.722	
1.00000	510.991141	1250.973	-1.53E-13
5.88E-15	8.01E-13	-6434.773	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	307.174291	1080.570	-1.32E-13
5.34E-15	6.02E-13	-4817.593	
0.25000	307.174291	1120.560	-1.37E-13
5.34E-15	6.34E-13	-5085.855	
0.50000	307.174291	1160.551	-1.42E-13
5.34E-15	6.68E-13	-5363.866	
0.75000	307.174291	1200.541	-1.46E-13
5.34E-15	7.03E-13	-5651.624	
1.00000	307.174291	1240.531	-1.51E-13
5.34E-15	7.40E-13	-5949.129	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	307.174291	1080.570	-1.32E-13
5.34E-15	6.02E-13	-4817.593	
0.25000	307.174291	1120.560	-1.37E-13
5.34E-15	6.34E-13	-5085.855	
0.50000	307.174291	1160.551	-1.42E-13
5.34E-15	6.68E-13	-5363.866	
0.75000	307.174291	1200.541	-1.46E-13
5.34E-15	7.03E-13	-5651.624	
1.00000	307.174291	1240.531	-1.51E-13
5.34E-15	7.40E-13	-5949.129	

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	1083.776	-1.32E-13
4.83E-15	5.45E-13	-4367.931	
0.25000	391.410345	1123.766	-1.37E-13
4.83E-15	5.78E-13	-4636.975	
0.50000	391.410345	1163.757	-1.42E-13
4.83E-15	6.12E-13	-4915.767	
0.75000	391.410345	1203.747	-1.47E-13
4.83E-15	6.47E-13	-5204.306	
1.00000	391.410345	1243.737	-1.52E-13
4.83E-15	6.83E-13	-5502.593	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	391.410345	1083.776	-1.32E-13
4.83E-15	5.45E-13	-4367.931	
0.25000	391.410345	1123.766	-1.37E-13
4.83E-15	5.78E-13	-4636.975	
0.50000	391.410345	1163.757	-1.42E-13
4.83E-15	6.12E-13	-4915.767	
0.75000	391.410345	1203.747	-1.47E-13
4.83E-15	6.47E-13	-5204.306	
1.00000	391.410345	1243.737	-1.52E-13
4.83E-15	6.83E-13	-5502.593	

COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	
0.25000	302.342674	209.394307	-2.59E-14
2.63E-15	2.94E-13	-2341.957	
0.50000	302.342674	241.386495	-2.97E-14
2.63E-15	3.01E-13	-2396.895	
0.75000	302.342674	273.378682	-3.36E-14
2.63E-15	3.08E-13	-2459.632	
1.00000	302.342674	305.370870	-3.75E-14
2.63E-15	3.17E-13	-2530.168	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	
0.25000	302.342674	209.394307	-2.59E-14
2.63E-15	2.94E-13	-2341.957	
0.50000	302.342674	241.386495	-2.97E-14
2.63E-15	3.01E-13	-2396.895	
0.75000	302.342674	273.378682	-3.36E-14
2.63E-15	3.08E-13	-2459.632	
1.00000	302.342674	305.370870	-3.75E-14
2.63E-15	3.17E-13	-2530.168	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	
0.25000	517.409504	279.737593	-3.47E-14
4.51E-15	5.03E-13	-4008.508	
0.50000	517.409504	321.327436	-3.98E-14
4.51E-15	5.12E-13	-4081.762	
0.75000	517.409504	362.917280	-4.48E-14
4.51E-15	5.23E-13	-4165.155	
1.00000	517.409504	404.507124	-4.98E-14
4.51E-15	5.34E-13	-4258.685	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	517.409504	238.147749	-2.97E-14
4.51E-15	4.95E-13	-3945.390	
0.25000	517.409504	279.737593	-3.47E-14
4.51E-15	5.03E-13	-4008.508	
0.50000	517.409504	321.327436	-3.98E-14
4.51E-15	5.12E-13	-4081.762	
0.75000	517.409504	362.917280	-4.48E-14
4.51E-15	5.23E-13	-4165.155	
1.00000	517.409504	404.507124	-4.98E-14
4.51E-15	5.34E-13	-4258.685	

COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	1517.659	-1.85E-13
5.50E-15	6.26E-13	-5024.686	
0.25000	380.054946	1556.050	-1.89E-13
5.50E-15	6.71E-13	-5399.294	
0.50000	380.054946	1594.440	-1.94E-13
5.50E-15	7.18E-13	-5783.260	
0.75000	380.054946	1632.831	-1.99E-13
5.50E-15	7.66E-13	-6176.584	
1.00000	380.054946	1671.222	-2.03E-13
5.50E-15	8.15E-13	-6579.265	

COMB ULO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	380.054946	1517.659	-1.85E-13
5.50E-15	6.26E-13	-5024.686	
0.25000	380.054946	1556.050	-1.89E-13
5.50E-15	6.71E-13	-5399.294	
0.50000	380.054946	1594.440	-1.94E-13
5.50E-15	7.18E-13	-5783.260	
0.75000	380.054946	1632.831	-1.99E-13
5.50E-15	7.66E-13	-6176.584	
1.00000	380.054946	1671.222	-2.03E-13
5.50E-15	8.15E-13	-6579.265	

COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	190.017735	-2.39E-14
4.43E-15	4.88E-13	-3886.326	
0.25000	508.025848	222.009923	-2.77E-14
4.43E-15	4.94E-13	-3936.542	
0.50000	508.025848	254.002110	-3.16E-14
4.43E-15	5.01E-13	-3994.556	
0.75000	508.025848	285.994298	-3.55E-14
1.00000	508.025848	317.986485	-3.94E-14
4.43E-15	5.19E-13	-4133.978	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	190.017735	-2.39E-14
4.43E-15	4.88E-13	-3886.326	
0.25000	508.025848	222.009923	-2.77E-14
4.43E-15	4.94E-13	-3936.542	
0.50000	508.025848	254.002110	-3.16E-14
4.43E-15	5.01E-13	-3994.556	
0.75000	508.025848	285.994298	-3.55E-14
1.00000	508.025848	317.986485	-3.94E-14
4.43E-15	5.19E-13	-4133.978	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	
0.25000	302.346879	209.564741	-2.59E-14
2.63E-15	2.94E-13	-2342.294	
0.50000	302.346879	241.556928	-2.98E-14
2.63E-15	3.01E-13	-2397.274	
0.75000	302.346879	273.549116	-3.36E-14
2.63E-15	3.08E-13	-2460.053	
1.00000	302.346879	305.541303	-3.75E-14
2.63E-15	3.17E-13	-2530.630	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	
0.25000	302.346879	209.564741	-2.59E-14
2.63E-15	2.94E-13	-2342.294	
0.50000	302.346879	241.556928	-2.98E-14
2.63E-15	3.01E-13	-2397.274	
0.75000	302.346879	273.549116	-3.36E-14
2.63E-15	3.08E-13	-2460.053	
1.00000	302.346879	305.541303	-3.75E-14
2.63E-15	3.17E-13	-2530.630	

COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1591.080	-1.94E-13
5.17E-15	5.92E-13	-4755.261	
0.25000	321.027593	1623.073	-1.98E-13
5.17E-15	6.39E-13	-5146.986	
0.50000	321.027593	1655.065	-2.01E-13
5.17E-15	6.88E-13	-5546.509	
0.75000	321.027593	1687.057	-2.05E-13
5.17E-15	7.37E-13	-5953.830	
1.00000	321.027593	1719.049	-2.09E-13
5.17E-15	7.88E-13	-6368.949	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.027593	1591.080	-1.94E-13
5.17E-15	5.92E-13	-4755.261	
0.25000	321.027593	1623.073	-1.98E-13
5.17E-15	6.39E-13	-5146.986	
0.50000	321.027593	1655.065	-2.01E-13
5.17E-15	6.88E-13	-5546.509	
0.75000	321.027593	1687.057	-2.05E-13
5.17E-15	7.37E-13	-5953.830	
1.00000	321.027593	1719.049	-2.09E-13
5.17E-15	7.88E-13	-6368.949	

COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	1081.602	-1.32E-13
5.33E-15	6.01E-13	-4816.629	
0.25000	440.732189	1113.594	-1.36E-13
5.33E-15	6.34E-13	-5084.168	
0.50000	440.732189	1145.586	-1.40E-13
5.33E-15	6.68E-13	-5359.506	
0.75000	440.732189	1177.579	-1.44E-13
5.33E-15	7.02E-13	-5642.642	
1.00000	440.732189	1209.571	-1.47E-13
5.33E-15	7.38E-13	-5933.575	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	440.732189	1081.602	-1.32E-13
5.33E-15	6.01E-13	-4816.629	
0.25000	440.732189	1113.594	-1.36E-13
5.33E-15	6.34E-13	-5084.168	
0.50000	440.732189	1145.586	-1.40E-13
5.33E-15	6.68E-13	-5359.506	
0.75000	440.732189	1177.579	-1.44E-13
5.33E-15	7.02E-13	-5642.642	
1.00000	440.732189	1209.571	-1.47E-13
5.33E-15	7.38E-13	-5933.575	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	1074.077	-1.31E-13
4.24E-15	4.80E-13	-3854.499	
0.25000	316.368161	1106.069	-1.35E-13
4.24E-15	5.13E-13	-4120.204	
0.50000	316.368161	1138.061	-1.39E-13
4.24E-15	5.46E-13	-4393.708	
0.75000	316.368161	1170.054	-1.43E-13
4.24E-15	5.80E-13	-4675.009	
1.00000	316.368161	1202.046	-1.46E-13
4.24E-15	6.16E-13	-4964.109	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	316.368161	1074.077	-1.31E-13
4.24E-15	4.80E-13	-3854.499	
0.25000	316.368161	1106.069	-1.35E-13
4.24E-15	5.13E-13	-4120.204	
0.50000	316.368161	1138.061	-1.39E-13
4.24E-15	5.46E-13	-4393.708	
0.75000	316.368161	1170.054	-1.43E-13
4.24E-15	5.80E-13	-4675.009	
1.00000	316.368161	1202.046	-1.46E-13
4.24E-15	6.16E-13	-4964.109	

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	181.763387	-2.28E-14
4.25E-15	4.68E-13	-3724.890	
0.25000	339.105410	213.755575	-2.67E-14
4.25E-15	4.74E-13	-3773.094	
0.50000	339.105410	245.747762	-3.06E-14
4.25E-15	4.81E-13	-3829.096	
0.75000	339.105410	277.739950	-3.44E-14
4.25E-15	4.89E-13	-3892.896	
1.00000	339.105410	309.732137	-3.83E-14
4.25E-15	4.98E-13	-3964.494	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	339.105410	181.763387	-2.28E-14
4.25E-15	4.68E-13	-3724.890	
0.25000	339.105410	213.755575	-2.67E-14
4.25E-15	4.74E-13	-3773.094	
0.50000	339.105410	245.747762	-3.06E-14
4.25E-15	4.81E-13	-3829.096	
0.75000	339.105410	277.739950	-3.44E-14
4.25E-15	4.89E-13	-3892.896	
1.00000	339.105410	309.732137	-3.83E-14
4.25E-15	4.98E-13	-3964.494	

COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	
0.25000	426.710906	217.089735	-2.70E-14
3.72E-15	4.15E-13	-3306.258	
0.50000	426.710906	249.081922	-3.09E-14
3.72E-15	4.22E-13	-3363.073	
0.75000	426.710906	281.074110	-3.47E-14
3.72E-15	4.30E-13	-3427.685	
1.00000	426.710906	313.066297	-3.86E-14
3.72E-15	4.39E-13	-3500.096	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	
0.25000	426.710906	217.089735	-2.70E-14
3.72E-15	4.15E-13	-3306.258	
0.50000	426.710906	249.081922	-3.09E-14
3.72E-15	4.22E-13	-3363.073	
0.75000	426.710906	281.074110	-3.47E-14
3.72E-15	4.30E-13	-3427.685	
1.00000	426.710906	313.066297	-3.86E-14
3.72E-15	4.39E-13	-3500.096	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	174.238393	-2.17E-14
3.16E-15	3.47E-13	-2762.760	
0.25000	214.741382	206.230581	-2.56E-14
3.16E-15	3.53E-13	-2809.130	
0.50000	214.741382	238.222768	-2.94E-14
3.16E-15	3.59E-13	-2863.297	
0.75000	214.741382	270.214956	-3.33E-14
3.16E-15	3.67E-13	-2925.263	
1.00000	214.741382	302.207143	-3.72E-14
3.16E-15	3.76E-13	-2995.027	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.741382	174.238393	-2.17E-14
3.16E-15	3.47E-13	-2762.760	
0.25000	214.741382	206.230581	-2.56E-14
3.16E-15	3.53E-13	-2809.130	
0.50000	214.741382	238.222768	-2.94E-14
3.16E-15	3.59E-13	-2863.297	
0.75000	214.741382	270.214956	-3.33E-14
3.16E-15	3.67E-13	-2925.263	
1.00000	214.741382	302.207143	-3.72E-14
3.16E-15	3.76E-13	-2995.027	

COMB UEO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	
0.25000	302.346879	209.564741	-2.59E-14
2.63E-15	2.94E-13	-2342.294	
0.50000	302.346879	241.556928	-2.98E-14
2.63E-15	3.01E-13	-2397.274	
0.75000	302.346879	273.549116	-3.36E-14
2.63E-15	3.08E-13	-2460.053	
1.00000	302.346879	305.541303	-3.75E-14
2.63E-15	3.17E-13	-2530.630	

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	177.572553	-2.20E-14
2.63E-15	2.88E-13	-2295.112	
0.25000	302.346879	209.564741	-2.59E-14
2.63E-15	2.94E-13	-2342.294	
0.50000	302.346879	241.556928	-2.98E-14
2.63E-15	3.01E-13	-2397.274	
0.75000	302.346879	273.549116	-3.36E-14
2.63E-15	3.08E-13	-2460.053	
1.00000	302.346879	305.541303	-3.75E-14
2.63E-15	3.17E-13	-2530.630	

COMB UEO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1524.639	-1.86E-13
5.45E-15	6.22E-13	-4995.561	
0.25000	220.955916	1555.031	-1.89E-13
5.45E-15	6.68E-13	-5370.896	
0.50000	220.955916	1585.424	-1.93E-13
5.45E-15	7.14E-13	-5753.639	
0.75000	220.955916	1615.816	-1.97E-13
5.45E-15	7.62E-13	-6143.790	
1.00000	220.955916	1646.209	-2.00E-13
5.45E-15	8.10E-13	-6541.349	

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	220.955916	1524.639	-1.86E-13
5.45E-15	6.22E-13	-4995.561	
0.25000	220.955916	1555.031	-1.89E-13
5.45E-15	6.68E-13	-5370.896	
0.50000	220.955916	1585.424	-1.93E-13
5.45E-15	7.14E-13	-5753.639	
0.75000	220.955916	1615.816	-1.97E-13
5.45E-15	7.62E-13	-6143.790	
1.00000	220.955916	1646.209	-2.00E-13
5.45E-15	8.10E-13	-6541.349	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1527.845	-1.86E-13
4.94E-15	5.65E-13	-4545.899	
0.25000	305.191970	1558.237	-1.90E-13
4.94E-15	6.11E-13	-4922.015	
0.50000	305.191970	1588.630	-1.93E-13
4.94E-15	6.58E-13	-5305.539	
0.75000	305.191970	1619.022	-1.97E-13
4.94E-15	7.06E-13	-5696.472	
1.00000	305.191970	1649.415	-2.01E-13
4.94E-15	7.54E-13	-6094.813	

COMB UEO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.191970	1527.845	-1.86E-13
4.94E-15	5.65E-13	-4545.899	
0.25000	305.191970	1558.237	-1.90E-13
4.94E-15	6.11E-13	-4922.015	
0.50000	305.191970	1588.630	-1.93E-13
4.94E-15	6.58E-13	-5305.539	
0.75000	305.191970	1619.022	-1.97E-13
4.94E-15	7.06E-13	-5696.472	
1.00000	305.191970	1649.415	-2.01E-13
4.94E-15	7.54E-13	-6094.813	

COMB UEO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	1034.756	-1.26E-13
5.61E-15	6.31E-13	-5054.568	
0.25000	336.056489	1065.148	-1.30E-13
5.61E-15	6.63E-13	-5310.494	
0.50000	336.056489	1095.541	-1.34E-13
5.61E-15	6.95E-13	-5573.828	
0.75000	336.056489	1125.933	-1.37E-13
5.61E-15	7.28E-13	-5844.570	
1.00000	336.056489	1156.326	-1.41E-13
5.61E-15	7.62E-13	-6122.721	

COMB UEO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	336.056489	1034.756	-1.26E-13
5.61E-15	6.31E-13	-5054.568	
0.25000	336.056489	1065.148	-1.30E-13
5.61E-15	6.63E-13	-5310.494	
0.50000	336.056489	1095.541	-1.34E-13
5.61E-15	6.95E-13	-5573.828	
0.75000	336.056489	1125.933	-1.37E-13
5.61E-15	7.28E-13	-5844.570	
1.00000	336.056489	1156.326	-1.41E-13
5.61E-15	7.62E-13	-6122.721	

COMB UEO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	1037.962	-1.27E-13
5.10E-15	5.75E-13	-4604.906	
0.25000	420.292543	1068.354	-1.30E-13
5.10E-15	6.06E-13	-4861.614	
0.50000	420.292543	1098.747	-1.34E-13
5.10E-15	6.38E-13	-5125.729	
0.75000	420.292543	1129.139	-1.38E-13
5.10E-15	6.72E-13	-5397.253	
1.00000	420.292543	1159.532	-1.41E-13
5.10E-15	7.06E-13	-5676.185	

COMB UEO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.292543	1037.962	-1.27E-13
5.10E-15	5.75E-13	-4604.906	
0.25000	420.292543	1068.354	-1.30E-13
5.10E-15	6.06E-13	-4861.614	
0.50000	420.292543	1098.747	-1.34E-13
5.10E-15	6.38E-13	-5125.729	
0.75000	420.292543	1129.139	-1.38E-13
5.10E-15	6.72E-13	-5397.253	
1.00000	420.292543	1159.532	-1.41E-13
5.10E-15	7.06E-13	-5676.185	

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COMB UEO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	1027.520	-1.25E-13
4.56E-15	5.15E-13	-4129.444	
0.25000	216.475693	1057.913	-1.29E-13
4.56E-15	5.46E-13	-4383.606	
0.50000	216.475693	1088.305	-1.33E-13
4.56E-15	5.78E-13	-4645.176	
0.75000	216.475693	1118.698	-1.36E-13
4.56E-15	6.11E-13	-4914.154	
1.00000	216.475693	1149.090	-1.40E-13
4.56E-15	6.45E-13	-5190.541	

COMB UEO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	216.475693	1027.520	-1.25E-13
4.56E-15	5.15E-13	-4129.444	
0.25000	216.475693	1057.913	-1.29E-13
4.56E-15	5.46E-13	-4383.606	
0.50000	216.475693	1088.305	-1.33E-13
4.56E-15	5.78E-13	-4645.176	
0.75000	216.475693	1118.698	-1.36E-13
4.56E-15	6.11E-13	-4914.154	
1.00000	216.475693	1149.090	-1.40E-13
4.56E-15	6.45E-13	-5190.541	

COMB UEO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	1030.726	-1.26E-13
4.05E-15	4.59E-13	-3679.782	
0.25000	300.711747	1061.119	-1.29E-13
4.05E-15	4.90E-13	-3934.725	
0.50000	300.711747	1091.511	-1.33E-13
4.05E-15	5.22E-13	-4197.077	
0.75000	300.711747	1121.904	-1.37E-13
4.05E-15	5.55E-13	-4466.837	
1.00000	300.711747	1152.296	-1.40E-13
4.05E-15	5.88E-13	-4744.005	

COMB UEO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	300.711747	1030.726	-1.26E-13
4.05E-15	4.59E-13	-3679.782	
0.25000	300.711747	1061.119	-1.29E-13
4.05E-15	4.90E-13	-3934.725	
0.50000	300.711747	1091.511	-1.33E-13
4.05E-15	5.22E-13	-4197.077	
0.75000	300.711747	1121.904	-1.37E-13
4.05E-15	5.55E-13	-4466.837	
1.00000	300.711747	1152.296	-1.40E-13
4.05E-15	5.88E-13	-4744.005	

COMB UEO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	
0.25000	302.342674	209.394307	-2.59E-14
2.63E-15	2.94E-13	-2341.957	
0.50000	302.342674	241.386495	-2.97E-14
2.63E-15	3.01E-13	-2396.895	
0.75000	302.342674	273.378682	-3.36E-14
2.63E-15	3.08E-13	-2459.632	
1.00000	302.342674	305.370870	-3.75E-14
2.63E-15	3.17E-13	-2530.168	

COMB UEO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.342674	177.402120	-2.20E-14
2.63E-15	2.88E-13	-2294.816	
0.25000	302.342674	209.394307	-2.59E-14
2.63E-15	2.94E-13	-2341.957	
0.50000	302.342674	241.386495	-2.97E-14
2.63E-15	3.01E-13	-2396.895	
0.75000	302.342674	273.378682	-3.36E-14
2.63E-15	3.08E-13	-2459.632	
1.00000	302.342674	305.370870	-3.75E-14
2.63E-15	3.17E-13	-2530.168	

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COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	
0.25000	426.710906	217.089735	-2.70E-14
3.72E-15	4.15E-13	-3306.258	
0.50000	426.710906	249.081922	-3.09E-14
3.72E-15	4.22E-13	-3363.073	
0.75000	426.710906	281.074110	-3.47E-14
3.72E-15	4.30E-13	-3427.685	
1.00000	426.710906	313.066297	-3.86E-14
3.72E-15	4.39E-13	-3500.096	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	426.710906	185.097547	-2.31E-14
3.72E-15	4.09E-13	-3257.241	
0.25000	426.710906	217.089735	-2.70E-14
3.72E-15	4.15E-13	-3306.258	
0.50000	426.710906	249.081922	-3.09E-14
3.72E-15	4.22E-13	-3363.073	
0.75000	426.710906	281.074110	-3.47E-14
3.72E-15	4.30E-13	-3427.685	
1.00000	426.710906	313.066297	-3.86E-14
3.72E-15	4.39E-13	-3500.096	

COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1464.609	-1.78E-13
4.71E-15	5.39E-13	-4336.537	
0.25000	289.356348	1493.402	-1.82E-13
4.71E-15	5.83E-13	-4697.044	
0.50000	289.356348	1522.195	-1.85E-13
4.71E-15	6.28E-13	-5064.570	
0.75000	289.356348	1550.988	-1.89E-13
4.71E-15	6.74E-13	-5439.114	
1.00000	289.356348	1579.781	-1.92E-13
4.71E-15	7.20E-13	-5820.677	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.356348	1464.609	-1.78E-13
4.71E-15	5.39E-13	-4336.537	
0.25000	289.356348	1493.402	-1.82E-13
4.71E-15	5.83E-13	-4697.044	
0.50000	289.356348	1522.195	-1.85E-13
4.71E-15	6.28E-13	-5064.570	
0.75000	289.356348	1550.988	-1.89E-13
4.71E-15	6.74E-13	-5439.114	
1.00000	289.356348	1579.781	-1.92E-13
4.71E-15	7.20E-13	-5820.677	

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	
0.25000	598.706226	283.919234	-3.54E-14
5.22E-15	5.82E-13	-4637.330	
0.50000	598.706226	325.509077	-4.04E-14
5.22E-15	5.91E-13	-4711.604	
0.75000	598.706226	367.098921	-4.54E-14
5.22E-15	6.02E-13	-4796.016	
1.00000	598.706226	408.688765	-5.05E-14
5.22E-15	6.14E-13	-4890.565	

COMB ENVBULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.706226	242.329390	-3.03E-14
5.22E-15	5.74E-13	-4573.194	
0.25000	598.706226	283.919234	-3.54E-14
5.22E-15	5.82E-13	-4637.330	
0.50000	598.706226	325.509077	-4.04E-14
5.22E-15	5.91E-13	-4711.604	
0.75000	598.706226	367.098921	-4.54E-14
5.22E-15	6.02E-13	-4796.016	
1.00000	598.706226	408.688765	-5.05E-14
5.22E-15	6.14E-13	-4890.565	

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COMB ENVBECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.007629	189.279188	-2.19E-14
4.43E-15	4.88E-13	-2293.830	
0.25000	508.007629	221.271375	-2.58E-14
4.43E-15	4.94E-13	-2340.832	
0.50000	508.007629	253.263563	-2.97E-14
4.43E-15	5.01E-13	-2395.633	
0.75000	508.007629	285.255750	-3.35E-14
4.43E-15	5.09E-13	-2458.231	
1.00000	508.007629	317.247938	-3.74E-14
4.43E-15	5.19E-13	-2528.628	

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.328660	176.834006	-2.38E-14
2.63E-15	2.88E-13	-3885.045	
0.25000	302.328660	208.826194	-2.76E-14
2.63E-15	2.94E-13	-3935.080	
0.50000	302.328660	240.818381	-3.15E-14
2.63E-15	3.01E-13	-3992.914	
0.75000	302.328660	272.810569	-3.54E-14
2.63E-15	3.08E-13	-4058.546	
1.00000	302.328660	304.802756	-3.93E-14
2.63E-15	3.17E-13	-4131.977	

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	
0.25000	598.724446	284.657781	-3.55E-14
5.22E-15	5.82E-13	-4638.792	
0.50000	598.724446	326.247625	-4.05E-14
5.22E-15	5.92E-13	-4713.246	
0.75000	598.724446	367.837468	-4.55E-14
5.22E-15	6.02E-13	-4797.838	
1.00000	598.724446	409.427312	-5.06E-14
5.22E-15	6.14E-13	-4892.567	

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	598.724446	243.067937	-3.04E-14
5.22E-15	5.74E-13	-4574.475	
0.25000	598.724446	284.657781	-3.55E-14
5.22E-15	5.82E-13	-4638.792	
0.50000	598.724446	326.247625	-4.05E-14
5.22E-15	5.92E-13	-4713.246	
0.75000	598.724446	367.837468	-4.55E-14
5.22E-15	6.02E-13	-4797.838	
1.00000	598.724446	409.427312	-5.06E-14
5.22E-15	6.14E-13	-4892.567	

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	508.025848	190.017735	-2.20E-14
4.43E-15	4.88E-13	-2295.112	
0.25000	508.025848	222.009923	-2.59E-14
4.43E-15	4.94E-13	-2342.294	
0.50000	508.025848	254.002110	-2.98E-14
4.43E-15	5.01E-13	-2397.274	
0.75000	508.025848	285.994298	-3.36E-14
4.43E-15	5.10E-13	-2460.053	
1.00000	508.025848	317.986485	-3.75E-14
4.43E-15	5.19E-13	-2530.630	

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	302.346879	177.572553	-2.39E-14
2.63E-15	2.88E-13	-3886.326	
0.25000	302.346879	209.564741	-2.77E-14
2.63E-15	2.94E-13	-3936.542	
0.50000	302.346879	241.556928	-3.16E-14
2.63E-15	3.01E-13	-3994.556	
0.75000	302.346879	273.549116	-3.55E-14
2.63E-15	3.08E-13	-4060.368	
1.00000	302.346879	305.541303	-3.94E-14
2.63E-15	3.17E-13	-4133.978	

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ELEM 13 ========== LENGTH = 0.800000

LOAD D ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-1.82E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-1.82E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-1.82E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-1.82E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

LOAD L1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.46E-12	-1881.680	2.28E-13
-6.71E-30	1.82E-13	-1505.344	
0.25000	-5.46E-12	-1881.680	2.28E-13
-6.71E-30	1.37E-13	-1129.008	
0.50000	-5.46E-12	-1881.680	2.28E-13
-6.71E-30	9.12E-14	-752.672000	
0.75000	-5.46E-12	-1881.680	2.28E-13
-6.71E-30	4.56E-14	-376.336000	
1.00000	-5.46E-12	-1881.680	2.28E-13
-6.71E-30	7.18E-28	6.64E-13	

LOAD W-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.73E-30	-2.02E-15	-16.650000
.000000	-22.765500	-2.76E-15	
0.25000	-4.73E-30	-1.86E-15	-15.390000
.000000	-19.561500	-2.37E-15	
0.50000	-4.73E-30	-1.71E-15	-14.130000
.000000	-16.609500	-2.01E-15	
0.75000	-4.73E-30	-1.56E-15	-12.870000
.000000	-13.909500	-1.68E-15	
1.00000	-4.73E-30	-1.41E-15	-11.610000
.000000	-11.461500	-1.39E-15	

LOAD G-LO2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.31E-29	-3.32E-14	-273.827000
-375.690000	-219.061600	-2.65E-14	
0.25000	-6.31E-29	-3.32E-14	-273.827000
-375.690000	-164.296200	-1.99E-14	
0.50000	-6.31E-29	-3.32E-14	-273.827000
-375.690000	-109.530800	-1.33E-14	
0.75000	-6.31E-29	-3.32E-14	-273.827000
-375.690000	-54.765400	-6.63E-15	
1.00000	-6.31E-29	-3.32E-14	-273.827000
-375.690000	3.10E-12	2.61E-27	

LOAD E-LO ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	350.766000	-1.82E-11	1.41E-27
-1.18E-29	1.43E-13	-1179.280	
0.25000	350.766000	-1.82E-11	1.41E-27
-1.18E-29	1.43E-13	-1179.280	
0.50000	350.766000	-1.82E-11	1.41E-27
-1.18E-29	1.43E-13	-1179.280	

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REL DIST	P	V2	V3
T	M2	M3	
0.75000	350.766000	-1.82E-11	1.41E-27
-1.18E-29	1.43E-13	-1179.280	
1.00000	350.766000	-1.82E-11	1.41E-27
-1.18E-29	1.43E-13	-1179.280	

LOAD WL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	39.000000	-2.50E-12	2.02E-28
-1.38E-30	2.70E-14	-222.690000	
0.25000	39.000000	-2.50E-12	2.02E-28
-1.38E-30	2.70E-14	-222.690000	
0.50000	39.000000	-2.50E-12	2.02E-28
-1.38E-30	2.70E-14	-222.690000	
0.75000	39.000000	-2.50E-12	2.02E-28
-1.38E-30	2.70E-14	-222.690000	
1.00000	39.000000	-2.50E-12	2.02E-28
-1.38E-30	2.70E-14	-222.690000	

LOAD G-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.37E-11	-1.48E-12	1.26E-28
.000000	3.53E-28	-2.27E-13	
0.25000	-4.37E-11	-1.48E-12	1.26E-28
.000000	3.28E-28	6.82E-14	
0.50000	-4.37E-11	-1.48E-12	1.26E-28
.000000	3.03E-28	3.64E-13	
0.75000	-4.37E-11	-1.48E-12	1.26E-28
.000000	2.78E-28	6.59E-13	
1.00000	-4.37E-11	-1.48E-12	1.26E-28
.000000	2.52E-28	9.55E-13	

LOAD E-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.84E-13	-8.88E-15	7.89E-31
-3.08E-33	1.18E-30	-4.44E-15	
0.25000	-2.84E-13	-8.88E-15	7.89E-31
-3.08E-33	1.03E-30	-2.66E-15	
0.50000	-2.84E-13	-8.88E-15	7.89E-31
-3.08E-33	8.68E-31	-8.88E-16	
0.75000	-2.84E-13	-8.88E-15	7.89E-31
-3.08E-33	7.10E-31	8.88E-16	
1.00000	-2.84E-13	-8.88E-15	7.89E-31
-3.08E-33	5.52E-31	2.66E-15	

LOAD COL-TR ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.14E-12	-2.84E-14	2.37E-30
-6.16E-33	3.94E-30	-1.78E-14	
0.25000	-1.14E-12	-2.84E-14	2.37E-30
-6.16E-33	3.47E-30	-1.21E-14	
0.50000	-1.14E-12	-2.84E-14	2.37E-30
-6.16E-33	3.00E-30	-6.39E-15	
0.75000	-1.14E-12	-2.84E-14	2.37E-30
-6.16E-33	2.52E-30	-7.11E-16	
1.00000	-1.14E-12	-2.84E-14	2.37E-30
-6.16E-33	2.05E-30	4.97E-15	

COMB SVB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	-7705.085	9.33E-13
-2.72E-29	7.70E-13	-6360.849	

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REL DIST	P	V2	V3
T	M2	M3	
0.25000	-7.28E-12	-7678.835	9.30E-13
-2.72E-29	5.84E-13	-4822.457	

0.50000 -7.28E-12 -7652.585 9.27E-13
-2.72E-29 3.98E-13 -3289.315
0.75000 -7.28E-12 -7626.335 9.24E-13
-2.72E-29 2.13E-13 -1761.423
1.00000 -7.28E-12 -7600.085 9.20E-13
-2.72E-29 2.89E-14 -238.781250

COMB SVB01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 9.33E-13
-2.72E-29 7.70E-13 -6360.849
0.25000 -7.28E-12 -7678.835 9.30E-13
-2.72E-29 5.84E-13 -4822.457
0.50000 -7.28E-12 -7652.585 9.27E-13
-2.72E-29 3.98E-13 -3289.315
0.75000 -7.28E-12 -7626.335 9.24E-13
-2.72E-29 2.13E-13 -1761.423
1.00000 -7.28E-12 -7600.085 9.20E-13
-2.72E-29 2.89E-14 -238.781250

COMB SVB02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 7.05E-13
-2.05E-29 5.88E-13 -4855.505
0.25000 -1.82E-12 -5797.155 7.02E-13
-2.05E-29 4.47E-13 -3693.449
0.50000 -1.82E-12 -5770.905 6.99E-13
-2.05E-29 3.07E-13 -2536.643
0.75000 -1.82E-12 -5744.655 6.96E-13
-2.05E-29 1.68E-13 -1385.087
1.00000 -1.82E-12 -5718.405 6.93E-13
-2.05E-29 2.89E-14 -238.781250

COMB SVB02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 7.05E-13
-2.05E-29 5.88E-13 -4855.505
0.25000 -1.82E-12 -5797.155 7.02E-13
-2.05E-29 4.47E-13 -3693.449
0.50000 -1.82E-12 -5770.905 6.99E-13
-2.05E-29 3.07E-13 -2536.643
0.75000 -1.82E-12 -5744.655 6.96E-13
-2.05E-29 1.68E-13 -1385.087
1.00000 -1.82E-12 -5718.405 6.93E-13
-2.05E-29 2.89E-14 -238.781250

COMB SVB03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -16.650000
-2.05E-29 -22.765500 -4855.505
0.25000 -1.82E-12 -5797.155 -15.390000
-2.05E-29 -19.561500 -3693.449
0.50000 -1.82E-12 -5770.905 -14.130000
-2.05E-29 -16.609500 -2536.643
0.75000 -1.82E-12 -5744.655 -12.870000
-2.05E-29 -13.909500 -1385.087
1.00000 -1.82E-12 -5718.405 -11.610000
-2.05E-29 -11.461500 -238.781250

COMB SVB03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -16.650000
-2.05E-29 -22.765500 -4855.505
0.25000 -1.82E-12 -5797.155 -15.390000
-2.05E-29 -19.561500 -3693.449
0.50000 -1.82E-12 -5770.905 -14.130000
-2.05E-29 -16.609500 -2536.643
0.75000 -1.82E-12 -5744.655 -12.870000
-2.05E-29 -13.909500 -1385.087
1.00000 -1.82E-12 -5718.405 -11.610000
-2.05E-29 -11.461500 -238.781250
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COMB SVB04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -8.325000
-2.72E-29 -11.382750 -6360.849
0.25000 -7.28E-12 -7678.835 -7.695000
-2.72E-29 -9.780750 -4822.457
0.50000 -7.28E-12 -7652.585 -7.065000
-2.72E-29 -8.304750 -3289.315
0.75000 -7.28E-12 -7626.335 -6.435000
-2.72E-29 -6.954750 -1761.423
1.00000 -7.28E-12 -7600.085 -5.805000
-2.72E-29 -5.730750 -238.781250

COMB SVB04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -8.325000
-2.72E-29 -11.382750 -6360.849
0.25000 -7.28E-12 -7678.835 -7.695000
-2.72E-29 -9.780750 -4822.457
0.50000 -7.28E-12 -7652.585 -7.065000
-2.72E-29 -8.304750 -3289.315
0.75000 -7.28E-12 -7626.335 -6.435000
-2.72E-29 -6.954750 -1761.423
1.00000 -7.28E-12 -7600.085 -5.805000
-2.72E-29 -5.730750 -238.781250

COMB SVB05 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -8.325000
-2.05E-29 -11.382750 -4855.505
0.25000 -1.82E-12 -5797.155 -7.695000
-2.05E-29 -9.780750 -3693.449
0.50000 -1.82E-12 -5770.905 -7.065000
-2.05E-29 -8.304750 -2536.643
0.75000 -1.82E-12 -5744.655 -6.435000
-2.05E-29 -6.954750 -1385.087
1.00000 -1.82E-12 -5718.405 -5.805000
-2.05E-29 -5.730750 -238.781250

COMB SVB05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -8.325000
-2.05E-29 -11.382750 -4855.505
0.25000 -1.82E-12 -5797.155 -7.695000
-2.05E-29 -9.780750 -3693.449
0.50000 -1.82E-12 -5770.905 -7.065000
-2.05E-29 -8.304750 -2536.643
0.75000 -1.82E-12 -5744.655 -6.435000
-2.05E-29 -6.954750 -1385.087
1.00000 -1.82E-12 -5718.405 -5.805000
-2.05E-29 -5.730750 -238.781250

COMB SVB06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -273.827000
-375.690000 -219.061600 -6360.849
0.25000 -7.28E-12 -7678.835 -273.827000
-375.690000 -164.296200 -4822.457
0.50000 -7.28E-12 -7652.585 -273.827000
-375.690000 -109.530800 -3289.315
0.75000 -7.28E-12 -7626.335 -273.827000
-375.690000 -54.765400 -1761.423
1.00000 -7.28E-12 -7600.085 -273.827000
-375.690000 3.13E-12 -238.781250

COMB SVB06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -273.827000
-375.690000 -219.061600 -6360.849
0.25000 -7.28E-12 -7678.835 -273.827000
-375.690000 -164.296200 -4822.457
0.50000 -7.28E-12 -7652.585 -273.827000
-375.690000 -109.530800 -3289.315
0.75000 -7.28E-12 -7626.335 -273.827000
-375.690000 -54.765400 -1761.423
1.00000 -7.28E-12 -7600.085 -273.827000
-375.690000 3.13E-12 -238.781250
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COMB SVB07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 9.33E-13
-2.72E-29 7.70E-13 -6360.849
0.25000 -7.28E-12 -7678.835 9.30E-13
-2.72E-29 5.84E-13 -4822.457
0.50000 -7.28E-12 -7652.585 9.27E-13
-2.72E-29 3.98E-13 -3289.315
0.75000 -7.28E-12 -7626.335 9.24E-13
-2.72E-29 2.13E-13 -1761.423
1.00000 -7.28E-12 -7600.085 9.20E-13
-2.72E-29 2.89E-14 -238.781250

COMB SVB07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 9.33E-13
-2.72E-29 7.70E-13 -6360.849
0.25000 -7.28E-12 -7678.835 9.30E-13
-2.72E-29 5.84E-13 -4822.457
0.50000 -7.28E-12 -7652.585 9.27E-13
-2.72E-29 3.98E-13 -3289.315
0.75000 -7.28E-12 -7626.335 9.24E-13
-2.72E-29 2.13E-13 -1761.423
1.00000 -7.28E-12 -7600.085 9.20E-13
-2.72E-29 2.89E-14 -238.781250

COMB SVB08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -273.827000
-375.690000 -219.061600 -4855.505
0.25000 -1.82E-12 -5797.155 -273.827000
-375.690000 -164.296200 -3693.449
0.50000 -1.82E-12 -5770.905 -273.827000
-375.690000 -109.530800 -2536.643
0.75000 -1.82E-12 -5744.655 -273.827000
-375.690000 -54.765400 -1385.087
1.00000 -1.82E-12 -5718.405 -273.827000
-375.690000 3.13E-12 -238.781250

COMB SVB08 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -273.827000
-375.690000 -219.061600 -4855.505
0.25000 -1.82E-12 -5797.155 -273.827000
-375.690000 -164.296200 -3693.449
0.50000 -1.82E-12 -5770.905 -273.827000
-375.690000 -109.530800 -2536.643
0.75000 -1.82E-12 -5744.655 -273.827000
-375.690000 -54.765400 -1385.087
1.00000 -1.82E-12 -5718.405 -273.827000
-375.690000 3.13E-12 -238.781250

COMB SVB09 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 7.05E-13
-2.05E-29 5.88E-13 -4855.505
0.25000 -1.82E-12 -5797.155 7.02E-13
-2.05E-29 4.47E-13 -3693.449
0.50000 -1.82E-12 -5770.905 6.99E-13
-2.05E-29 3.07E-13 -2536.643
0.75000 -1.82E-12 -5744.655 6.96E-13
-2.05E-29 1.68E-13 -1385.087
1.00000 -1.82E-12 -5718.405 6.93E-13
-2.05E-29 2.89E-14 -238.781250

COMB SVB09 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 7.05E-13
-2.05E-29 5.88E-13 -4855.505
0.25000 -1.82E-12 -5797.155 7.02E-13
-2.05E-29 4.47E-13 -3693.449
0.50000 -1.82E-12 -5770.905 6.99E-13
-2.05E-29 3.07E-13 -2536.643
0.75000 -1.82E-12 -5744.655 6.96E-13
-2.05E-29 1.68E-13 -1385.087
1.00000 -1.82E-12 -5718.405 6.93E-13
-2.05E-29 2.89E-14 -238.781250
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COMB SVB10 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -290.477000
-375.690000 -241.827100 -4855.505
0.25000 -1.82E-12 -5797.155 -289.217000
-375.690000 -183.857700 -3693.449
0.50000 -1.82E-12 -5770.905 -287.957000
-375.690000 -126.140300 -2536.643
0.75000 -1.82E-12 -5744.655 -286.697000
-375.690000 -68.674900 -1385.087
1.00000 -1.82E-12 -5718.405 -285.437000
-375.690000 -11.461500 -238.781250

COMB SVB10 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -290.477000
-375.690000 -241.827100 -4855.505
0.25000 -1.82E-12 -5797.155 -289.217000
-375.690000 -183.857700 -3693.449
0.50000 -1.82E-12 -5770.905 -287.957000
-375.690000 -126.140300 -2536.643
0.75000 -1.82E-12 -5744.655 -286.697000
-375.690000 -68.674900 -1385.087
1.00000 -1.82E-12 -5718.405 -285.437000
-375.690000 -11.461500 -238.781250

COMB SVB11 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -16.650000
-2.05E-29 -22.765500 -4855.505
0.25000 -1.82E-12 -5797.155 -15.390000
-2.05E-29 -19.561500 -3693.449
0.50000 -1.82E-12 -5770.905 -14.130000
-2.05E-29 -16.609500 -2536.643
0.75000 -1.82E-12 -5744.655 -12.870000
-2.05E-29 -13.909500 -1385.087
1.00000 -1.82E-12 -5718.405 -11.610000
-2.05E-29 -11.461500 -238.781250

COMB SVB11 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -16.650000
-2.05E-29 -22.765500 -4855.505
0.25000 -1.82E-12 -5797.155 -15.390000
-2.05E-29 -19.561500 -3693.449
0.50000 -1.82E-12 -5770.905 -14.130000
-2.05E-29 -16.609500 -2536.643
0.75000 -1.82E-12 -5744.655 -12.870000
-2.05E-29 -13.909500 -1385.087
1.00000 -1.82E-12 -5718.405 -11.610000
-2.05E-29 -11.461500 -238.781250

COMB SVB12 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -282.152000
-375.690000 -230.444350 -6360.849
0.25000 -7.28E-12 -7678.835 -281.522000
-375.690000 -174.076950 -4822.457
0.50000 -7.28E-12 -7652.585 -280.892000
-375.690000 -117.835550 -3289.315
0.75000 -7.28E-12 -7626.335 -280.262000
-375.690000 -61.720150 -1761.423
1.00000 -7.28E-12 -7600.085 -279.632000
-375.690000 -5.730750 -238.781250

COMB SVB12 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -282.152000
-375.690000 -230.444350 -6360.849
0.25000 -7.28E-12 -7678.835 -281.522000
-375.690000 -174.076950 -4822.457
0.50000 -7.28E-12 -7652.585 -280.892000
-375.690000 -117.835550 -3289.315
0.75000 -7.28E-12 -7626.335 -280.262000
-375.690000 -61.720150 -1761.423
1.00000 -7.28E-12 -7600.085 -279.632000
-375.690000 -5.730750 -238.781250
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COMB SVB13 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -8.325000
-2.72E-29 -11.382750 -6360.849
0.25000 -7.28E-12 -7678.835 -7.695000
-2.72E-29 -9.780750 -4822.457
0.50000 -7.28E-12 -7652.585 -7.065000
-2.72E-29 -8.304750 -3289.315
0.75000 -7.28E-12 -7626.335 -6.435000
-2.72E-29 -6.954750 -1761.423
1.00000 -7.28E-12 -7600.085 -5.805000
-2.72E-29 -5.730750 -238.781250

COMB SVB13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 -7705.085 -8.325000
-2.72E-29 -11.382750 -6360.849
0.25000 -7.28E-12 -7678.835 -7.695000
-2.72E-29 -9.780750 -4822.457
0.50000 -7.28E-12 -7652.585 -7.065000
-2.72E-29 -8.304750 -3289.315
0.75000 -7.28E-12 -7626.335 -6.435000
-2.72E-29 -6.954750 -1761.423
1.00000 -7.28E-12 -7600.085 -5.805000
-2.72E-29 -5.730750 -238.781250

COMB SVB14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -282.152000
-375.690000 -230.444350 -4855.505
0.25000 -1.82E-12 -5797.155 -281.522000
-375.690000 -174.076950 -3693.449
0.50000 -1.82E-12 -5770.905 -280.892000
-375.690000 -117.835550 -2536.643
0.75000 -1.82E-12 -5744.655 -280.262000
-375.690000 -61.720150 -1385.087
1.00000 -1.82E-12 -5718.405 -279.632000
-375.690000 -5.730750 -238.781250

COMB SVB14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -282.152000
-375.690000 -230.444350 -4855.505
0.25000 -1.82E-12 -5797.155 -281.522000
-375.690000 -174.076950 -3693.449
0.50000 -1.82E-12 -5770.905 -280.892000
-375.690000 -117.835550 -2536.643
0.75000 -1.82E-12 -5744.655 -280.262000
-375.690000 -61.720150 -1385.087
1.00000 -1.82E-12 -5718.405 -279.632000
-375.690000 -5.730750 -238.781250

COMB SVB15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -8.325000
-2.05E-29 -11.382750 -4855.505
0.25000 -1.82E-12 -5797.155 -7.695000
-2.05E-29 -9.780750 -3693.449
0.50000 -1.82E-12 -5770.905 -7.065000
-2.05E-29 -8.304750 -2536.643
0.75000 -1.82E-12 -5744.655 -6.435000
-2.05E-29 -6.954750 -1385.087
1.00000 -1.82E-12 -5718.405 -5.805000
-2.05E-29 -5.730750 -238.781250

COMB SVB15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.82E-12 -5823.405 -8.325000
-2.05E-29 -11.382750 -4855.505
0.25000 -1.82E-12 -5797.155 -7.695000
-2.05E-29 -9.780750 -3693.449
0.50000 -1.82E-12 -5770.905 -7.065000
-2.05E-29 -8.304750 -2536.643
0.75000 -1.82E-12 -5744.655 -6.435000
-2.05E-29 -6.954750 -1385.087
1.00000 -1.82E-12 -5718.405 -5.805000
-2.05E-29 -5.730750 -238.781250
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COMB ULB01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.41E-11 -11616.039 1.41E-12
-4.11E-29 1.16E-12 -9548.646
0.25000 -1.41E-11 -11581.914 1.40E-12
-4.11E-29 8.75E-13 -7228.851
0.50000 -1.41E-11 -11547.789 1.40E-12
-4.11E-29 5.95E-13 -4915.881
0.75000 -1.41E-11 -11513.664 1.39E-12
-4.11E-29 3.16E-13 -2609.736
1.00000 -1.41E-11 -11479.539 1.39E-12
-4.11E-29 3.76E-14 -310.415625

COMB ULB01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.41E-11 -11616.039 1.41E-12
-4.11E-29 1.16E-12 -9548.646
0.25000 -1.41E-11 -11581.914 1.40E-12
-4.11E-29 8.75E-13 -7228.851
0.50000 -1.41E-11 -11547.789 1.40E-12
-4.11E-29 5.95E-13 -4915.881
0.75000 -1.41E-11 -11513.664 1.39E-12
-4.11E-29 3.16E-13 -2609.736
1.00000 -1.41E-11 -11479.539 1.39E-12
-4.11E-29 3.76E-14 -310.415625

COMB ULB02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -2.36E-12 -7570.427 9.17E-13
-2.67E-29 7.64E-13 -6312.157
0.25000 -2.36E-12 -7536.302 9.13E-13
-2.67E-29 5.81E-13 -4801.484
0.50000 -2.36E-12 -7502.177 9.09E-13
-2.67E-29 3.99E-13 -3297.636
0.75000 -2.36E-12 -7468.052 9.04E-13
-2.67E-29 2.18E-13 -1800.613
1.00000 -2.36E-12 -7433.927 9.00E-13
-2.67E-29 3.76E-14 -310.415625

COMB ULB02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.36E-12 -7570.427 9.17E-13
-2.67E-29 7.64E-13 -6312.157
0.25000 -2.36E-12 -7536.302 9.13E-13
-2.67E-29 5.81E-13 -4801.484
0.50000 -2.36E-12 -7502.177 9.09E-13
-2.67E-29 3.99E-13 -3297.636
0.75000 -2.36E-12 -7468.052 9.04E-13
-2.67E-29 2.18E-13 -1800.613
1.00000 -2.36E-12 -7433.927 9.00E-13
-2.67E-29 3.76E-14 -310.415625

COMB ULB03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -2.36E-12 -7570.427 -21.645000
-2.67E-29 -29.595150 -6312.157
0.25000 -2.36E-12 -7536.302 -20.007000
-2.67E-29 -25.429950 -4801.484
0.50000 -2.36E-12 -7502.177 -18.369000
-2.67E-29 -21.592350 -3297.636
0.75000 -2.36E-12 -7468.052 -16.731000
-2.67E-29 -18.082350 -1800.613
1.00000 -2.36E-12 -7433.927 -15.093000
-2.67E-29 -14.899950 -310.415625

COMB ULB03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.36E-12 -7570.427 -21.645000
-2.67E-29 -29.595150 -6312.157
0.25000 -2.36E-12 -7536.302 -20.007000
-2.67E-29 -25.429950 -4801.484
0.50000 -2.36E-12 -7502.177 -18.369000
-2.67E-29 -21.592350 -3297.636
0.75000 -2.36E-12 -7468.052 -16.731000
-2.67E-29 -18.082350 -1800.613
1.00000 -2.36E-12 -7433.927 -15.093000
-2.67E-29 -14.899950 -310.415625
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COMB ULB04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 -9.46E-12 -10016.611 -10.822500
-3.54E-29 -14.797575 -8269.104
0.25000 -9.46E-12 -9982.486 -10.003500
-3.54E-29 -12.714975 -6269.194
0.50000 -9.46E-12 -9948.361 -9.184500
-3.54E-29 -10.796175 -4276.110
0.75000 -9.46E-12 -9914.236 -8.365500
-3.54E-29 -9.041175 -2289.850
1.00000 -9.46E-12 -9880.111 -7.546500
-3.54E-29 -7.449975 -310.415625

COMB ULB04 ------------------ MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	-9.46E-12	-10016.611	-10.822500
-3.54E-29	-14.797575	-8269.104	
0.25000	-9.46E-12	-9982.486	-10.003500
-3.54E-29	-12.714975	-6269.194	
0.50000	-9.46E-12	-9948.361	-9.184500
-3.54E-29	-10.796175	-4276.110	
0.75000	-9.46E-12	-9914.236	-8.365500
-3.54E-29	-9.041175	-2289.850	
1.00000	-9.46E-12	-9880.111	-7.546500
-3.54E-29	-7.449975	-310.415625	

COMB ULB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7570.427	-10.822500
-2.67E-29	-14.797575	-6312.157	
0.25000	-2.36E-12	-7536.302	-10.003500
-2.67E-29	-12.714975	-4801.484	
0.50000	-2.36E-12	-7502.177	-9.184500
-2.67E-29	-10.796175	-3297.636	
0.75000	-2.36E-12	-7468.052	-8.365500
-2.67E-29	-9.041175	-1800.613	
1.00000	-2.36E-12	-7433.927	-7.546500
-2.67E-29	-7.449975	-310.415625	

COMB ULB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7570.427	-10.822500
-2.67E-29	-14.797575	-6312.157	
0.25000	-2.36E-12	-7536.302	-10.003500
-2.67E-29	-12.714975	-4801.484	
0.50000	-2.36E-12	-7502.177	-9.184500
-2.67E-29	-10.796175	-3297.636	
0.75000	-2.36E-12	-7468.052	-8.365500
-2.67E-29	-9.041175	-1800.613	
1.00000	-2.36E-12	-7433.927	-7.546500
-2.67E-29	-7.449975	-310.415625	

COMB ULB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.46E-12	-10016.611	-355.975100
-488.397000	-284.780080	-8269.104	
0.25000	-9.46E-12	-9982.486	-355.975100
-488.397000	-213.585060	-6269.194	
0.50000	-9.46E-12	-9948.361	-355.975100
-488.397000	-142.390040	-4276.110	
0.75000	-9.46E-12	-9914.236	-355.975100
-488.397000	-71.195020	-2289.850	
1.00000	-9.46E-12	-9880.111	-355.975100
-488.397000	4.07E-12	-310.415625	

COMB ULB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.46E-12	-10016.611	-355.975100
-488.397000	-284.780080	-8269.104	
0.25000	-9.46E-12	-9982.486	-355.975100
-488.397000	-213.585060	-6269.194	
0.50000	-9.46E-12	-9948.361	-355.975100
-488.397000	-142.390040	-4276.110	
0.75000	-9.46E-12	-9914.236	-355.975100
-488.397000	-71.195020	-2289.850	
1.00000	-9.46E-12	-9880.111	-355.975100
-488.397000	4.07E-12	-310.415625	

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COMB ULB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.46E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.46E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.46E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.46E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.46E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.46E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.46E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.46E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.46E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.46E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7570.427	-355.975100
-488.397000	-284.780080	-6312.157	
0.25000	-2.36E-12	-7536.302	-355.975100
-488.397000	-213.585060	-4801.484	
0.50000	-2.36E-12	-7502.177	-355.975100
-488.397000	-142.390040	-3297.636	
0.75000	-2.36E-12	-7468.052	-355.975100
-488.397000	-71.195020	-1800.613	
1.00000	-2.36E-12	-7433.927	-355.975100
-488.397000	4.07E-12	-310.415625	

COMB ULB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7570.427	-355.975100
-488.397000	-284.780080	-6312.157	
0.25000	-2.36E-12	-7536.302	-355.975100
-488.397000	-213.585060	-4801.484	
0.50000	-2.36E-12	-7502.177	-355.975100
-488.397000	-142.390040	-3297.636	
0.75000	-2.36E-12	-7468.052	-355.975100
-488.397000	-71.195020	-1800.613	
1.00000	-2.36E-12	-7433.927	-355.975100
-488.397000	4.07E-12	-310.415625	

COMB ULB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7570.427	9.17E-13
-2.67E-29	7.64E-13	-6312.157	
0.25000	-2.36E-12	-7536.302	9.13E-13
-2.67E-29	5.81E-13	-4801.484	
0.50000	-2.36E-12	-7502.177	9.09E-13
-2.67E-29	3.99E-13	-3297.636	
0.75000	-2.36E-12	-7468.052	9.04E-13
-2.67E-29	2.18E-13	-1800.613	
1.00000	-2.36E-12	-7433.927	9.00E-13
-2.67E-29	3.76E-14	-310.415625	

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COMB ULB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-363.096250
-469.612500	-302.283875	-6069.382	
0.25000	-2.27E-12	-7246.444	-361.521250
-469.612500	-229.822125	-4616.812	
0.50000	-2.27E-12	-7213.631	-359.946250
-469.612500	-157.675375	-3170.804	
0.75000	-2.27E-12	-7180.819	-358.371250
-469.612500	-85.843625	-1731.359	
1.00000	-2.27E-12	-7148.006	-356.796250
-469.612500	-14.326875	-298.476562	

COMB ULB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-363.096250
-469.612500	-302.283875	-6069.382	
0.25000	-2.27E-12	-7246.444	-361.521250
-469.612500	-229.822125	-4616.812	
0.50000	-2.27E-12	-7213.631	-359.946250
-469.612500	-157.675375	-3170.804	
0.75000	-2.27E-12	-7180.819	-358.371250
-469.612500	-85.843625	-1731.359	
1.00000	-2.27E-12	-7148.006	-356.796250
-469.612500	-14.326875	-298.476562	

COMB ULB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-20.812500
-2.56E-29	-28.456875	-6069.382	
0.25000	-2.27E-12	-7246.444	-19.237500
-2.56E-29	-24.451875	-4616.812	
0.50000	-2.27E-12	-7213.631	-17.662500
-2.56E-29	-20.761875	-3170.804	
0.75000	-2.27E-12	-7180.819	-16.087500
-2.56E-29	-17.386875	-1731.359	
1.00000	-2.27E-12	-7148.006	-14.512500
-2.56E-29	-14.326875	-298.476562	

COMB ULB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-20.812500
-2.56E-29	-28.456875	-6069.382	
0.25000	-2.27E-12	-7246.444	-19.237500
-2.56E-29	-24.451875	-4616.812	
0.50000	-2.27E-12	-7213.631	-17.662500
-2.56E-29	-20.761875	-3170.804	
0.75000	-2.27E-12	-7180.819	-16.087500
-2.56E-29	-17.386875	-1731.359	
1.00000	-2.27E-12	-7148.006	-14.512500
-2.56E-29	-14.326875	-298.476562	

COMB ULB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.09E-12	-9631.356	-352.690000
-469.612500	-288.055437	-7951.062	
0.25000	-9.09E-12	-9598.544	-351.902500
-469.612500	-217.596187	-6028.072	
0.50000	-9.09E-12	-9565.731	-351.115000
-469.612500	-147.294437	-4111.644	
0.75000	-9.09E-12	-9532.919	-350.327500
-469.612500	-77.150187	-2201.779	
1.00000	-9.09E-12	-9500.106	-349.540000
-469.612500	-7.163437	-298.476562	

COMB ULB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.09E-12	-9631.356	-352.690000
-469.612500	-288.055437	-7951.062	
0.25000	-9.09E-12	-9598.544	-351.902500
-469.612500	-217.596187	-6028.072	
0.50000	-9.09E-12	-9565.731	-351.115000
-469.612500	-147.294437	-4111.644	
0.75000	-9.09E-12	-9532.919	-350.327500
-469.612500	-77.150187	-2201.779	
1.00000	-9.09E-12	-9500.106	-349.540000
-469.612500	-7.163437	-298.476562	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.09E-12	-9631.356	-10.406250
-3.40E-29	-14.228437	-7951.062	
0.25000	-9.09E-12	-9598.544	-9.618750
-3.40E-29	-12.225937	-6028.072	
0.50000	-9.09E-12	-9565.731	-8.831250
-3.40E-29	-10.380937	-4111.644	
0.75000	-9.09E-12	-9532.919	-8.043750
-3.40E-29	-8.693437	-2201.779	
1.00000	-9.09E-12	-9500.106	-7.256250
-3.40E-29	-7.163437	-298.476562	

COMB ULB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.09E-12	-9631.356	-10.406250
-3.40E-29	-14.228437	-7951.062	
0.25000	-9.09E-12	-9598.544	-9.618750
-3.40E-29	-12.225937	-6028.072	
0.50000	-9.09E-12	-9565.731	-8.831250
-3.40E-29	-10.380937	-4111.644	
0.75000	-9.09E-12	-9532.919	-8.043750
-3.40E-29	-8.693437	-2201.779	
1.00000	-9.09E-12	-9500.106	-7.256250
-3.40E-29	-7.163437	-298.476562	

COMB ULB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-352.690000
-469.612500	-288.055437	-6069.382	
0.25000	-2.27E-12	-7246.444	-351.902500
-469.612500	-217.596187	-4616.812	
0.50000	-2.27E-12	-7213.631	-351.115000
-469.612500	-147.294437	-3170.804	
0.75000	-2.27E-12	-7180.819	-350.327500
-469.612500	-77.150187	-1731.359	
1.00000	-2.27E-12	-7148.006	-349.540000
-469.612500	-7.163437	-298.476562	

COMB ULB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-352.690000
-469.612500	-288.055437	-6069.382	
0.25000	-2.27E-12	-7246.444	-351.902500
-469.612500	-217.596187	-4616.812	
0.50000	-2.27E-12	-7213.631	-351.115000
-469.612500	-147.294437	-3170.804	
0.75000	-2.27E-12	-7180.819	-350.327500
-469.612500	-77.150187	-1731.359	
1.00000	-2.27E-12	-7148.006	-349.540000
-469.612500	-7.163437	-298.476562	

COMB ULB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-10.406250
-2.56E-29	-14.228437	-6069.382	
0.25000	-2.27E-12	-7246.444	-9.618750
-2.56E-29	-12.225937	-4616.812	
0.50000	-2.27E-12	-7213.631	-8.831250
-2.56E-29	-10.380937	-3170.804	
0.75000	-2.27E-12	-7180.819	-8.043750
-2.56E-29	-8.693437	-1731.359	
1.00000	-2.27E-12	-7148.006	-7.256250
-2.56E-29	-7.163437	-298.476562	

COMB ULB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.27E-12	-7279.256	-10.406250
-2.56E-29	-14.228437	-6069.382	
0.25000	-2.27E-12	-7246.444	-9.618750
-2.56E-29	-12.225937	-4616.812	
0.50000	-2.27E-12	-7213.631	-8.831250
-2.56E-29	-10.380937	-3170.804	
0.75000	-2.27E-12	-7180.819	-8.043750
-2.56E-29	-8.693437	-1731.359	
1.00000	-2.27E-12	-7148.006	-7.256250
-2.56E-29	-7.163437	-298.476562	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-1.82E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-1.82E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-1.82E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-1.82E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB ULB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-1.82E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-1.82E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-1.82E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-1.82E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB ULB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.46E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.46E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.46E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.46E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.46E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.46E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.46E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.46E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.46E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.46E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.18E-12	-6988.086	-19.980000
-2.46E-29	-27.318600	-5826.606	
0.25000	-2.18E-12	-6956.586	-18.468000
-2.46E-29	-23.473800	-4432.139	
0.50000	-2.18E-12	-6925.086	-16.956000
-2.46E-29	-19.931400	-3043.972	
0.75000	-2.18E-12	-6893.586	-15.444000
-2.46E-29	-16.691400	-1662.105	
1.00000	-2.18E-12	-6862.086	-13.932000
-2.46E-29	-13.753800	-286.537500	

COMB ULB18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.18E-12	-6988.086	-19.980000
-2.46E-29	-27.318600	-5826.606	
0.25000	-2.18E-12	-6956.586	-18.468000
-2.46E-29	-23.473800	-4432.139	
0.50000	-2.18E-12	-6925.086	-16.956000
-2.46E-29	-19.931400	-3043.972	
0.75000	-2.18E-12	-6893.586	-15.444000
-2.46E-29	-16.691400	-1662.105	
1.00000	-2.18E-12	-6862.086	-13.932000
-2.46E-29	-13.753800	-286.537500	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.36E-11	-9869.017	1.20E-12
-3.49E-29	9.80E-13	-8091.995	
0.25000	-1.36E-11	-9842.767	1.19E-12
-3.49E-29	7.41E-13	-6120.816	
0.50000	-1.36E-11	-9816.517	1.19E-12
-3.49E-29	5.03E-13	-4154.888	
0.75000	-1.36E-11	-9790.267	1.19E-12
-3.49E-29	2.66E-13	-2194.210	
1.00000	-1.36E-11	-9764.017	1.18E-12
-3.49E-29	2.89E-14	-238.781250	

COMB UEB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.36E-11	-9869.017	1.20E-12
-3.49E-29	9.80E-13	-8091.995	
0.25000	-1.36E-11	-9842.767	1.19E-12
-3.49E-29	7.41E-13	-6120.816	
0.50000	-1.36E-11	-9816.517	1.19E-12
-3.49E-29	5.03E-13	-4154.888	
0.75000	-1.36E-11	-9790.267	1.19E-12
-3.49E-29	2.66E-13	-2194.210	
1.00000	-1.36E-11	-9764.017	1.18E-12
-3.49E-29	2.89E-14	-238.781250	

COMB UEB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-1.82E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-1.82E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-1.82E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-1.82E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB UEB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-1.82E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-1.82E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-1.82E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-1.82E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB UEB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-5823.405	-21.645000
-2.05E-29	-29.595150	-4855.505	
0.25000	-1.82E-12	-5797.155	-20.007000
-2.05E-29	-25.429950	-3693.449	
0.50000	-1.82E-12	-5770.905	-18.369000
-2.05E-29	-21.592350	-2536.643	
0.75000	-1.82E-12	-5744.655	-16.731000
-2.05E-29	-18.082350	-1385.087	
1.00000	-1.82E-12	-5718.405	-15.093000
-2.05E-29	-14.899950	-238.781250	

COMB UEB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-5823.405	-21.645000
-2.05E-29	-29.595150	-4855.505	
0.25000	-1.82E-12	-5797.155	-20.007000
-2.05E-29	-25.429950	-3693.449	
0.50000	-1.82E-12	-5770.905	-18.369000
-2.05E-29	-21.592350	-2536.643	
0.75000	-1.82E-12	-5744.655	-16.731000
-2.05E-29	-18.082350	-1385.087	
1.00000	-1.82E-12	-5718.405	-15.093000
-2.05E-29	-14.899950	-238.781250	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.91E-12	-8269.589	-10.822500
-2.92E-29	-14.797575	-6812.452	
0.25000	-8.91E-12	-8243.339	-10.003500
-2.92E-29	-12.714975	-5161.160	
0.50000	-8.91E-12	-8217.089	-9.184500
-2.92E-29	-10.796175	-3515.117	
0.75000	-8.91E-12	-8190.839	-8.365500
-2.92E-29	-9.041175	-1874.324	
1.00000	-8.91E-12	-8164.589	-7.546500
-2.92E-29	-7.449975	-238.781250	

COMB UEB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.91E-12	-8269.589	-10.822500
-2.92E-29	-14.797575	-6812.452	
0.25000	-8.91E-12	-8243.339	-10.003500
-2.92E-29	-12.714975	-5161.160	
0.50000	-8.91E-12	-8217.089	-9.184500
-2.92E-29	-10.796175	-3515.117	
0.75000	-8.91E-12	-8190.839	-8.365500
-2.92E-29	-9.041175	-1874.324	
1.00000	-8.91E-12	-8164.589	-7.546500

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-2.92E-29   -7.449975 -238.781250

 COMB    UEB05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405  -10.822500
-2.05E-29   -14.797575   -4855.505
 0.25000    -1.82E-12   -5797.155  -10.003500
-2.05E-29   -12.714975   -3693.449
 0.50000    -1.82E-12   -5770.905   -9.184500
-2.05E-29   -10.796175   -2536.643
 0.75000    -1.82E-12   -5744.655   -8.365500
-2.05E-29    -9.041175   -1385.087
 1.00000    -1.82E-12   -5718.405   -7.546500
-2.05E-29    -7.449975 -238.781250

 COMB    UEB05 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405  -10.822500
-2.05E-29   -14.797575   -4855.505
 0.25000    -1.82E-12   -5797.155  -10.003500
-2.05E-29   -12.714975   -3693.449
 0.50000    -1.82E-12   -5770.905   -9.184500
-2.05E-29   -10.796175   -2536.643
 0.75000    -1.82E-12   -5744.655   -8.365500
-2.05E-29    -9.041175   -1385.087
 1.00000    -1.82E-12   -5718.405   -7.546500
-2.05E-29    -7.449975 -238.781250

 COMB    UEB06 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.91E-12   -8269.589  -355.975100
-488.397000 -284.780080   -6812.452
 0.25000    -8.91E-12   -8243.339  -355.975100
-488.397000 -213.585060   -5161.160
 0.50000    -8.91E-12   -8217.089  -355.975100
-488.397000 -142.390040   -3515.117
 0.75000    -8.91E-12   -8190.839  -355.975100
-488.397000  -71.195020   -1874.324
 1.00000    -8.91E-12   -8164.589  -355.975100
-488.397000    4.06E-12 -238.781250

 COMB    UEB06 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.91E-12   -8269.589  -355.975100
-488.397000 -284.780080   -6812.452
 0.25000    -8.91E-12   -8243.339  -355.975100
-488.397000 -213.585060   -5161.160
 0.50000    -8.91E-12   -8217.089  -355.975100
-488.397000 -142.390040   -3515.117
 0.75000    -8.91E-12   -8190.839  -355.975100
-488.397000  -71.195020   -1874.324
 1.00000    -8.91E-12   -8164.589  -355.975100
-488.397000    4.06E-12 -238.781250
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 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB    UEB07 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.91E-12   -8269.589    1.00E-12
-2.92E-29    8.25E-13   -6812.452
 0.25000    -8.91E-12   -8243.339    9.98E-13
-2.92E-29    6.25E-13   -5161.160
 0.50000    -8.91E-12   -8217.089    9.95E-13
-2.92E-29    4.26E-13   -3515.117
 0.75000    -8.91E-12   -8190.839    9.92E-13
-2.92E-29    2.27E-13   -1874.324
 1.00000    -8.91E-12   -8164.589    9.89E-13
-2.92E-29    2.89E-14 -238.781250

 COMB    UEB07 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.91E-12   -8269.589    1.00E-12
-2.92E-29    8.25E-13   -6812.452
 0.25000    -8.91E-12   -8243.339    9.98E-13
-2.92E-29    6.25E-13   -5161.160
 0.50000    -8.91E-12   -8217.089    9.95E-13
-2.92E-29    4.26E-13   -3515.117
 0.75000    -8.91E-12   -8190.839    9.92E-13
-2.92E-29    2.27E-13   -1874.324
 1.00000    -8.91E-12   -8164.589    9.89E-13
-2.92E-29    2.89E-14 -238.781250

 COMB    UEB08 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405  -355.975100
-488.397000 -284.780080   -4855.505
 0.25000    -1.82E-12   -5797.155  -355.975100
-488.397000 -213.585060   -3693.449
 0.50000    -1.82E-12   -5770.905  -355.975100
-488.397000 -142.390040   -2536.643
 0.75000    -1.82E-12   -5744.655  -355.975100
-488.397000  -71.195020   -1385.087
 1.00000    -1.82E-12   -5718.405  -355.975100
-488.397000    4.06E-12 -238.781250

 COMB    UEB08 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405  -355.975100
-488.397000 -284.780080   -4855.505
 0.25000    -1.82E-12   -5797.155  -355.975100
-488.397000 -213.585060   -3693.449
 0.50000    -1.82E-12   -5770.905  -355.975100
-488.397000 -142.390040   -2536.643
 0.75000    -1.82E-12   -5744.655  -355.975100
-488.397000  -71.195020   -1385.087
 1.00000    -1.82E-12   -5718.405  -355.975100
-488.397000    4.06E-12 -238.781250

 COMB    UEB09 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -1.82E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -1.82E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -1.82E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -1.82E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    UEB09 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -1.82E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -1.82E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -1.82E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -1.82E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250
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 COMB    UEB10 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -363.096250
-469.612500 -302.283875   -4612.730
 0.25000    -1.73E-12   -5507.297  -361.521250
-469.612500 -229.822125   -3508.777
 0.50000    -1.73E-12   -5482.360  -359.946250
-469.612500 -157.675375   -2409.811
 0.75000    -1.73E-12   -5457.422  -358.371250
-469.612500  -85.843625   -1315.833
 1.00000    -1.73E-12   -5432.485  -356.796250
-469.612500  -14.326875 -226.842187

 COMB    UEB10 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -363.096250
-469.612500 -302.283875   -4612.730
 0.25000    -1.73E-12   -5507.297  -361.521250
-469.612500 -229.822125   -3508.777
 0.50000    -1.73E-12   -5482.360  -359.946250
-469.612500 -157.675375   -2409.811
 0.75000    -1.73E-12   -5457.422  -358.371250
-469.612500  -85.843625   -1315.833
 1.00000    -1.73E-12   -5432.485  -356.796250
-469.612500  -14.326875 -226.842187

 COMB    UEB11 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -20.812500
-1.95E-29   -28.456875   -4612.730
 0.25000    -1.73E-12   -5507.297  -19.237500
-1.95E-29   -24.451875   -3508.777
 0.50000    -1.73E-12   -5482.360  -17.662500
-1.95E-29   -20.761875   -2409.811
 0.75000    -1.73E-12   -5457.422  -16.087500
-1.95E-29   -17.386875   -1315.833
 1.00000    -1.73E-12   -5432.485  -14.512500
-1.95E-29   -14.326875 -226.842187

 COMB    UEB11 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -20.812500
-1.95E-29   -28.456875   -4612.730
 0.25000    -1.73E-12   -5507.297  -19.237500
-1.95E-29   -24.451875   -3508.777
 0.50000    -1.73E-12   -5482.360  -17.662500
-1.95E-29   -20.761875   -2409.811
 0.75000    -1.73E-12   -5457.422  -16.087500
-1.95E-29   -17.386875   -1315.833
 1.00000    -1.73E-12   -5432.485  -14.512500
-1.95E-29   -14.326875 -226.842187

 COMB    UEB12 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.55E-12   -7884.335  -352.690000
-469.612500 -288.055437   -6494.410
 0.25000    -8.55E-12   -7859.397  -351.902500
-469.612500 -217.596187   -4920.037
 0.50000    -8.55E-12   -7834.460  -351.115000
-469.612500 -147.294437   -3350.651
 0.75000    -8.55E-12   -7809.522  -350.327500
-469.612500  -77.150187   -1786.253
 1.00000    -8.55E-12   -7784.585  -349.540000
-469.612500   -7.163437 -226.842187

 COMB    UEB12 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.55E-12   -7884.335  -352.690000
-469.612500 -288.055437   -6494.410
 0.25000    -8.55E-12   -7859.397  -351.902500
-469.612500 -217.596187   -4920.037
 0.50000    -8.55E-12   -7834.460  -351.115000
-469.612500 -147.294437   -3350.651
 0.75000    -8.55E-12   -7809.522  -350.327500
-469.612500  -77.150187   -1786.253
 1.00000    -8.55E-12   -7784.585  -349.540000
-469.612500   -7.163437 -226.842187
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 COMB    UEB13 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.55E-12   -7884.335  -10.406250
-2.79E-29   -14.228437   -6494.410
 0.25000    -8.55E-12   -7859.397   -9.618750
-2.79E-29   -12.225937   -4920.037
 0.50000    -8.55E-12   -7834.460   -8.831250
-2.79E-29   -10.380937   -3350.651
 0.75000    -8.55E-12   -7809.522   -8.043750
-2.79E-29    -8.693437   -1786.253
 1.00000    -8.55E-12   -7784.585   -7.256250
-2.79E-29    -7.163437 -226.842187

 COMB    UEB13 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.55E-12   -7884.335  -10.406250
-2.79E-29   -14.228437   -6494.410
 0.25000    -8.55E-12   -7859.397   -9.618750
-2.79E-29   -12.225937   -4920.037
 0.50000    -8.55E-12   -7834.460   -8.831250
-2.79E-29   -10.380937   -3350.651
 0.75000    -8.55E-12   -7809.522   -8.043750
-2.79E-29    -8.693437   -1786.253
 1.00000    -8.55E-12   -7784.585   -7.256250
-2.79E-29    -7.163437 -226.842187

 COMB    UEB14 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -352.690000
-469.612500 -288.055437   -4612.730
 0.25000    -1.73E-12   -5507.297  -351.902500
-469.612500 -217.596187   -3508.777
 0.50000    -1.73E-12   -5482.360  -351.115000
-469.612500 -147.294437   -2409.811
 0.75000    -1.73E-12   -5457.422  -350.327500
-469.612500  -77.150187   -1315.833
 1.00000    -1.73E-12   -5432.485  -349.540000
-469.612500   -7.163437 -226.842187

 COMB    UEB14 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -352.690000
-469.612500 -288.055437   -4612.730
 0.25000    -1.73E-12   -5507.297  -351.902500
-469.612500 -217.596187   -3508.777
 0.50000    -1.73E-12   -5482.360  -351.115000
-469.612500 -147.294437   -2409.811
 0.75000    -1.73E-12   -5457.422  -350.327500
-469.612500  -77.150187   -1315.833
 1.00000    -1.73E-12   -5432.485  -349.540000
-469.612500   -7.163437 -226.842187

 COMB    UEB15 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -10.406250
-1.95E-29   -14.228437   -4612.730
 0.25000    -1.73E-12   -5507.297   -9.618750
-1.95E-29   -12.225937   -3508.777
 0.50000    -1.73E-12   -5482.360   -8.831250
-1.95E-29   -10.380937   -2409.811
 0.75000    -1.73E-12   -5457.422   -8.043750
-1.95E-29    -8.693437   -1315.833
 1.00000    -1.73E-12   -5432.485   -7.256250
-1.95E-29    -7.163437 -226.842187

 COMB    UEB15 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.73E-12   -5532.235  -10.406250
-1.95E-29   -14.228437   -4612.730
 0.25000    -1.73E-12   -5507.297   -9.618750
-1.95E-29   -12.225937   -3508.777
 0.50000    -1.73E-12   -5482.360   -8.831250
-1.95E-29   -10.380937   -2409.811
 0.75000    -1.73E-12   -5457.422   -8.043750
-1.95E-29    -8.693437   -1315.833
 1.00000    -1.73E-12   -5432.485   -7.256250
-1.95E-29    -7.163437 -226.842187
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 L   F O R C E S

 COMB    UEB16 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -1.82E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -1.82E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -1.82E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -1.82E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    UEB16 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -1.82E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -1.82E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -1.82E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -1.82E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    UEB17 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.91E-12   -8269.589    1.00E-12
-2.92E-29    8.25E-13   -6812.452
 0.25000    -8.91E-12   -8243.339    9.98E-13
-2.92E-29    6.25E-13   -5161.160
 0.50000    -8.91E-12   -8217.089    9.95E-13
-2.92E-29    4.26E-13   -3515.117
 0.75000    -8.91E-12   -8190.839    9.92E-13
-2.92E-29    2.27E-13   -1874.324
 1.00000    -8.91E-12   -8164.589    9.89E-13
-2.92E-29    2.89E-14 -238.781250

 COMB    UEB17 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.91E-12   -8269.589    1.00E-12
-2.92E-29    8.25E-13   -6812.452
 0.25000    -8.91E-12   -8243.339    9.98E-13
-2.92E-29    6.25E-13   -5161.160
 0.50000    -8.91E-12   -8217.089    9.95E-13
-2.92E-29    4.26E-13   -3515.117
 0.75000    -8.91E-12   -8190.839    9.92E-13
-2.92E-29    2.27E-13   -1874.324
 1.00000    -8.91E-12   -8164.589    9.89E-13
-2.92E-29    2.89E-14 -238.781250

 COMB    UEB18 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.64E-12   -5241.065  -19.980000
-1.85E-29   -27.318600   -4369.955
 0.25000    -1.64E-12   -5217.440  -18.468000
-1.85E-29   -23.473800   -3324.104
 0.50000    -1.64E-12   -5193.815  -16.956000
-1.85E-29   -19.931400   -2282.979
 0.75000    -1.64E-12   -5170.190  -15.444000
-1.85E-29   -16.691400   -1246.579
 1.00000    -1.64E-12   -5146.565  -13.932000
-1.85E-29   -13.753800 -214.903125

 COMB    UEB18 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.64E-12   -5241.065  -19.980000
-1.85E-29   -27.318600   -4369.955
 0.25000    -1.64E-12   -5217.440  -18.468000
-1.85E-29   -23.473800   -3324.104
 0.50000    -1.64E-12   -5193.815  -16.956000
-1.85E-29   -19.931400   -2282.979
 0.75000    -1.64E-12   -5170.190  -15.444000
-1.85E-29   -16.691400   -1246.579
 1.00000    -1.64E-12   -5146.565  -13.932000
-1.85E-29   -13.753800 -214.903125
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 L   F O R C E S

 COMB    SVO01 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -7.56E-12   -7705.085    9.33E-13
-2.72E-29    7.70E-13   -6360.849
 0.25000    -7.56E-12   -7678.835    9.30E-13
-2.72E-29    5.84E-13   -4822.457
 0.50000    -7.56E-12   -7652.585    9.27E-13
-2.72E-29    3.98E-13   -3289.315
 0.75000    -7.56E-12   -7626.335    9.24E-13
-2.72E-29    2.13E-13   -1761.423
 1.00000    -7.56E-12   -7600.085    9.20E-13
-2.72E-29    2.89E-14 -238.781250

 COMB    SVO01 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -7.56E-12   -7705.085    9.33E-13
-2.72E-29    7.70E-13   -6360.849
 0.25000    -7.56E-12   -7678.835    9.30E-13
-2.72E-29    5.84E-13   -4822.457
 0.50000    -7.56E-12   -7652.585    9.27E-13
-2.72E-29    3.98E-13   -3289.315
 0.75000    -7.56E-12   -7626.335    9.24E-13
-2.72E-29    2.13E-13   -1761.423
 1.00000    -7.56E-12   -7600.085    9.20E-13
-2.72E-29    2.89E-14 -238.781250

 COMB    SVO02 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.10E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -2.10E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -2.10E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -2.10E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -2.10E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    SVO02 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.10E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -2.10E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -2.10E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -2.10E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -2.10E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    SVO03 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  350.766000   -5823.405    7.05E-13
-3.23E-29    7.31E-13   -6034.785
 0.25000  350.766000   -5797.155    7.02E-13
-3.23E-29    5.90E-13   -4872.729
 0.50000  350.766000   -5770.905    6.99E-13
-3.23E-29    4.50E-13   -3715.923
 0.75000  350.766000   -5744.655    6.96E-13
-3.23E-29    3.11E-13   -2564.367
 1.00000  350.766000   -5718.405    6.93E-13
-3.23E-29    1.72E-13   -1418.061

 COMB    SVO03 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  350.766000   -5823.405    7.05E-13
-3.23E-29    7.31E-13   -6034.785
 0.25000  350.766000   -5797.155    7.02E-13
-3.23E-29    5.90E-13   -4872.729
 0.50000  350.766000   -5770.905    6.99E-13
-3.23E-29    4.50E-13   -3715.923
 0.75000  350.766000   -5744.655    6.96E-13
-3.23E-29    3.11E-13   -2564.367
 1.00000  350.766000   -5718.405    6.93E-13
-3.23E-29    1.72E-13   -1418.061
Program  SAP2000  Nonlinear  Version  7.42
File:청도1교상행_P11_본체.OUT

                                    Page
: AAbutPier SAP2000 6~7 데이타파일 : 교각 본체
                                    640

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB    SVO04 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  214.383000   -7705.085    9.33E-13
-3.45E-29    8.69E-13   -7173.179
 0.25000  214.383000   -7678.835    9.30E-13
-3.45E-29    6.82E-13   -5634.787
 0.50000  214.383000   -7652.585    9.27E-13
-3.45E-29    4.97E-13   -4101.645
 0.75000  214.383000   -7626.335    9.24E-13
-3.45E-29    3.12E-13   -2573.753
 1.00000  214.383000   -7600.085    9.20E-13
-3.45E-29    1.27E-13   -1051.111

 COMB    SVO04 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  214.383000   -7705.085    9.33E-13
-3.45E-29    8.69E-13   -7173.179
 0.25000  214.383000   -7678.835    9.30E-13
-3.45E-29    6.82E-13   -5634.787
 0.50000  214.383000   -7652.585    9.27E-13
-3.45E-29    4.97E-13   -4101.645
 0.75000  214.383000   -7626.335    9.24E-13
-3.45E-29    3.12E-13   -2573.753
 1.00000  214.383000   -7600.085    9.20E-13
-3.45E-29    1.27E-13   -1051.111

 COMB    SVO05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  214.383000   -5823.405    7.05E-13
-2.78E-29    6.86E-13   -5667.835
 0.25000  214.383000   -5797.155    7.02E-13
-2.78E-29    5.46E-13   -4505.779
```

0.50000	214.383000	-5770.905	6.99E-13
-2.78E-29	4.06E-13	-3348.973	
0.75000	214.383000	-5744.655	6.96E-13
-2.78E-29	2.66E-13	-2197.417	
1.00000	214.383000	-5718.405	6.93E-13
-2.78E-29	1.27E-13	-1051.111	

COMB SVO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-5823.405	7.05E-13
-2.78E-29	6.86E-13	-5667.835	
0.25000	214.383000	-5797.155	7.02E-13
-2.78E-29	5.46E-13	-4505.779	
0.50000	214.383000	-5770.905	6.99E-13
-2.78E-29	4.06E-13	-3348.973	
0.75000	214.383000	-5744.655	6.96E-13
-2.78E-29	2.66E-13	-2197.417	
1.00000	214.383000	-5718.405	6.93E-13
-2.78E-29	1.27E-13	-1051.111	

COMB SVO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.12E-11	-7705.085	9.33E-13
-2.72E-29	7.70E-13	-6360.849	
0.25000	-5.12E-11	-7678.835	9.30E-13
-2.72E-29	5.84E-13	-4822.457	
0.50000	-5.12E-11	-7652.585	9.27E-13
-2.72E-29	3.98E-13	-3289.315	
0.75000	-5.12E-11	-7626.335	9.24E-13
-2.72E-29	2.13E-13	-1761.423	
1.00000	-5.12E-11	-7600.085	9.20E-13
-2.72E-29	2.89E-14	-238.781250	

FRAME ELEMENT INTERNAL FORCES

COMB SVO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.12E-11	-7705.085	9.33E-13
-2.72E-29	7.70E-13	-6360.849	
0.25000	-5.12E-11	-7678.835	9.30E-13
-2.72E-29	5.84E-13	-4822.457	
0.50000	-5.12E-11	-7652.585	9.27E-13
-2.72E-29	3.98E-13	-3289.315	
0.75000	-5.12E-11	-7626.335	9.24E-13
-2.72E-29	2.13E-13	-1761.423	
1.00000	-5.12E-11	-7600.085	9.20E-13
-2.72E-29	2.89E-14	-238.781250	

FRAME ELEMENT INTERNAL FORCES

COMB SVO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.56E-12	-7705.085	9.33E-13
-2.72E-29	7.70E-13	-6360.849	
0.25000	-7.56E-12	-7678.835	9.30E-13
-2.72E-29	5.84E-13	-4822.457	
0.50000	-7.56E-12	-7652.585	9.27E-13
-2.72E-29	3.98E-13	-3289.315	
0.75000	-7.56E-12	-7626.335	9.24E-13
-2.72E-29	2.13E-13	-1761.423	
1.00000	-7.56E-12	-7600.085	9.20E-13
-2.72E-29	2.89E-14	-238.781250	

COMB SVO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.56E-12	-7705.085	9.33E-13
-2.72E-29	7.70E-13	-6360.849	
0.25000	-7.56E-12	-7678.835	9.30E-13
-2.72E-29	5.84E-13	-4822.457	
0.50000	-7.56E-12	-7652.585	9.27E-13
-2.72E-29	3.98E-13	-3289.315	
0.75000	-7.56E-12	-7626.335	9.24E-13
-2.72E-29	2.13E-13	-1761.423	
1.00000	-7.56E-12	-7600.085	9.20E-13
-2.72E-29	2.89E-14	-238.781250	

COMB SVO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.58E-11	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-4.58E-11	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-4.58E-11	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-4.58E-11	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-4.58E-11	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB SVO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.58E-11	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-4.58E-11	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-4.58E-11	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-4.58E-11	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-4.58E-11	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB SVO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.10E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-2.10E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-2.10E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-2.10E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-2.10E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB SVO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.10E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-2.10E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-2.10E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-2.10E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-2.10E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

FRAME ELEMENT INTERNAL FORCES

COMB SVO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	350.766000	-5823.405	7.05E-13
-3.23E-29	7.31E-13	-6034.785	
0.25000	350.766000	-5797.155	7.02E-13
-3.23E-29	5.90E-13	-4872.729	
0.50000	350.766000	-5770.905	6.99E-13
-3.23E-29	4.50E-13	-3715.923	
0.75000	350.766000	-5744.655	6.96E-13
-3.23E-29	3.11E-13	-2564.367	
1.00000	350.766000	-5718.405	6.93E-13
-3.23E-29	1.72E-13	-1418.061	

COMB SVO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	350.766000	-5823.405	7.05E-13
-3.23E-29	7.31E-13	-6034.785	
0.25000	350.766000	-5797.155	7.02E-13
-3.23E-29	5.90E-13	-4872.729	
0.50000	350.766000	-5770.905	6.99E-13
-3.23E-29	4.50E-13	-3715.923	
0.75000	350.766000	-5744.655	6.96E-13
-3.23E-29	3.11E-13	-2564.367	
1.00000	350.766000	-5718.405	6.93E-13
-3.23E-29	1.72E-13	-1418.061	

COMB SVO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	350.766000	-5823.405	7.05E-13
-3.23E-29	7.31E-13	-6034.785	
0.25000	350.766000	-5797.155	7.02E-13
-3.23E-29	5.90E-13	-4872.729	
0.50000	350.766000	-5770.905	6.99E-13
-3.23E-29	4.50E-13	-3715.923	
0.75000	350.766000	-5744.655	6.96E-13
-3.23E-29	3.11E-13	-2564.367	
1.00000	350.766000	-5718.405	6.93E-13
-3.23E-29	1.72E-13	-1418.061	

COMB SVO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	350.766000	-5823.405	7.05E-13
-3.23E-29	7.31E-13	-6034.785	
0.25000	350.766000	-5797.155	7.02E-13
-3.23E-29	5.90E-13	-4872.729	
0.50000	350.766000	-5770.905	6.99E-13
-3.23E-29	4.50E-13	-3715.923	
0.75000	350.766000	-5744.655	6.96E-13
-3.23E-29	3.11E-13	-2564.367	
1.00000	350.766000	-5718.405	6.93E-13
-3.23E-29	1.72E-13	-1418.061	

COMB SVO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-7705.085	9.33E-13
-3.45E-29	8.69E-13	-7173.179	
0.25000	214.383000	-7678.835	9.30E-13
-3.45E-29	6.82E-13	-5634.787	
0.50000	214.383000	-7652.585	9.27E-13
-3.45E-29	4.97E-13	-4101.645	
0.75000	214.383000	-7626.335	9.24E-13
-3.45E-29	3.12E-13	-2573.753	
1.00000	214.383000	-7600.085	9.20E-13
-3.45E-29	1.27E-13	-1051.111	

COMB SVO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-7705.085	9.33E-13
-3.45E-29	8.69E-13	-7173.179	
0.25000	214.383000	-7678.835	9.30E-13
-3.45E-29	6.82E-13	-5634.787	
0.50000	214.383000	-7652.585	9.27E-13
-3.45E-29	4.97E-13	-4101.645	
0.75000	214.383000	-7626.335	9.24E-13
-3.45E-29	3.12E-13	-2573.753	
1.00000	214.383000	-7600.085	9.20E-13
-3.45E-29	1.27E-13	-1051.111	

FRAME ELEMENT INTERNAL FORCES

COMB SVO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-7705.085	9.33E-13
-3.45E-29	8.69E-13	-7173.179	
0.25000	214.383000	-7678.835	9.30E-13
-3.45E-29	6.82E-13	-5634.787	
0.50000	214.383000	-7652.585	9.27E-13
-3.45E-29	4.97E-13	-4101.645	
0.75000	214.383000	-7626.335	9.24E-13
-3.45E-29	3.12E-13	-2573.753	
1.00000	214.383000	-7600.085	9.20E-13
-3.45E-29	1.27E-13	-1051.111	

COMB SVO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-7705.085	9.33E-13
-3.45E-29	8.69E-13	-7173.179	
0.25000	214.383000	-7678.835	9.30E-13
-3.45E-29	6.82E-13	-5634.787	
0.50000	214.383000	-7652.585	9.27E-13
-3.45E-29	4.97E-13	-4101.645	
0.75000	214.383000	-7626.335	9.24E-13
-3.45E-29	3.12E-13	-2573.753	
1.00000	214.383000	-7600.085	9.20E-13
-3.45E-29	1.27E-13	-1051.111	

COMB SVO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-5823.405	7.05E-13
-2.78E-29	6.86E-13	-5667.835	
0.25000	214.383000	-5797.155	7.02E-13
-2.78E-29	5.46E-13	-4505.779	
0.50000	214.383000	-5770.905	6.99E-13
-2.78E-29	4.06E-13	-3348.973	
0.75000	214.383000	-5744.655	6.96E-13
-2.78E-29	2.66E-13	-2197.417	
1.00000	214.383000	-5718.405	6.93E-13
-2.78E-29	1.27E-13	-1051.111	

COMB SVO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-5823.405	7.05E-13
-2.78E-29	6.86E-13	-5667.835	
0.25000	214.383000	-5797.155	7.02E-13
-2.78E-29	5.46E-13	-4505.779	
0.50000	214.383000	-5770.905	6.99E-13
-2.78E-29	4.06E-13	-3348.973	
0.75000	214.383000	-5744.655	6.96E-13
-2.78E-29	2.66E-13	-2197.417	
1.00000	214.383000	-5718.405	6.93E-13
-2.78E-29	1.27E-13	-1051.111	

COMB SVO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-5823.405	7.05E-13
-2.78E-29	6.86E-13	-5667.835	
0.25000	214.383000	-5797.155	7.02E-13
-2.78E-29	5.46E-13	-4505.779	
0.50000	214.383000	-5770.905	6.99E-13
-2.78E-29	4.06E-13	-3348.973	
0.75000	214.383000	-5744.655	6.96E-13
-2.78E-29	2.66E-13	-2197.417	
1.00000	214.383000	-5718.405	6.93E-13
-2.78E-29	1.27E-13	-1051.111	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	214.383000	-5823.405	7.05E-13
-2.78E-29	6.86E-13	-5667.835	
0.25000	214.383000	-5797.155	7.02E-13
-2.78E-29	5.46E-13	-4505.779	
0.50000	214.383000	-5770.905	6.99E-13
-2.78E-29	4.06E-13	-3348.973	
0.75000	214.383000	-5744.655	6.96E-13
-2.78E-29	2.66E-13	-2197.417	
1.00000	214.383000	-5718.405	6.93E-13
-2.78E-29	1.27E-13	-1051.111	

FRAME ELEMENT INTERNAL FORCES

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.45E-11	-11616.039	1.41E-12
-4.11E-29	1.16E-12	-9548.646	
0.25000	-1.45E-11	-11581.914	1.40E-12
-4.11E-29	8.75E-13	-7228.851	
0.50000	-1.45E-11	-11547.789	1.40E-12
-4.11E-29	5.95E-13	-4915.881	
0.75000	-1.45E-11	-11513.664	1.39E-12
-4.11E-29	3.16E-13	-2609.736	
1.00000	-1.45E-11	-11479.539	1.39E-12
-4.11E-29	3.76E-14	-310.415625	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.45E-11	-11616.039	1.41E-12
-4.11E-29	1.16E-12	-9548.646	
0.25000	-1.45E-11	-11581.914	1.40E-12
-4.11E-29	8.75E-13	-7228.851	
0.50000	-1.45E-11	-11547.789	1.40E-12
-4.11E-29	5.95E-13	-4915.881	
0.75000	-1.45E-11	-11513.664	1.39E-12
-4.11E-29	3.16E-13	-2609.736	
1.00000	-1.45E-11	-11479.539	1.39E-12
-4.11E-29	3.76E-14	-310.415625	

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.73E-12	-7570.427	9.17E-13
-2.67E-29	7.64E-13	-6312.157	
0.25000	-2.73E-12	-7536.302	9.13E-13
-2.67E-29	5.81E-13	-4801.484	
0.50000	-2.73E-12	-7502.177	9.09E-13
-2.67E-29	3.99E-13	-3297.636	
0.75000	-2.73E-12	-7468.052	9.04E-13
-2.67E-29	2.18E-13	-1800.613	
1.00000	-2.73E-12	-7433.927	9.00E-13
-2.67E-29	3.76E-14	-310.415625	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.73E-12	-7570.427	9.17E-13
-2.67E-29	7.64E-13	-6312.157	
0.25000	-2.73E-12	-7536.302	9.13E-13
-2.67E-29	5.81E-13	-4801.484	
0.50000	-2.73E-12	-7502.177	9.09E-13
-2.67E-29	3.99E-13	-3297.636	
0.75000	-2.73E-12	-7468.052	9.04E-13
-2.67E-29	2.18E-13	-1800.613	
1.00000	-2.73E-12	-7433.927	9.00E-13
-2.67E-29	3.76E-14	-310.415625	

COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	455.995800	-7570.427	9.17E-13
-4.21E-29	9.50E-13	-7845.221	
0.25000	455.995800	-7536.302	9.13E-13
-4.21E-29	7.67E-13	-6334.548	
0.50000	455.995800	-7502.177	9.09E-13
-4.21E-29	5.85E-13	-4830.700	
0.75000	455.995800	-7468.052	9.04E-13
-4.21E-29	4.04E-13	-3333.677	
1.00000	455.995800	-7433.927	9.00E-13
-4.21E-29	2.23E-13	-1843.480	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	455.995800	-7570.427	9.17E-13
-4.21E-29	9.50E-13	-7845.221	
0.25000	455.995800	-7536.302	9.13E-13
-4.21E-29	7.67E-13	-6334.548	
0.50000	455.995800	-7502.177	9.09E-13
-4.21E-29	5.85E-13	-4830.700	
0.75000	455.995800	-7468.052	9.04E-13
-4.21E-29	4.04E-13	-3333.677	
1.00000	455.995800	-7433.927	9.00E-13
-4.21E-29	2.23E-13	-1843.480	

FRAME ELEMENT INTERNAL FORCES

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-10016.611	1.21E-12
-4.49E-29	1.13E-12	-9325.133	
0.25000	278.697900	-9982.486	1.21E-12
-4.49E-29	8.87E-13	-7325.223	
0.50000	278.697900	-9948.361	1.20E-12
-4.49E-29	6.46E-13	-5332.139	
0.75000	278.697900	-9914.236	1.20E-12
-4.49E-29	4.05E-13	-3345.879	
1.00000	278.697900	-9880.111	1.20E-12
-4.49E-29	1.65E-13	-1366.445	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-10016.611	1.21E-12
-4.49E-29	1.13E-12	-9325.133	
0.25000	278.697900	-9982.486	1.21E-12
-4.49E-29	8.87E-13	-7325.223	
0.50000	278.697900	-9948.361	1.20E-12
-4.49E-29	6.46E-13	-5332.139	
0.75000	278.697900	-9914.236	1.20E-12
-4.49E-29	4.05E-13	-3345.879	
1.00000	278.697900	-9880.111	1.20E-12
-4.49E-29	1.65E-13	-1366.445	

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-7570.427	9.17E-13
-3.62E-29	8.92E-13	-7368.186	
0.25000	278.697900	-7536.302	9.13E-13
-3.62E-29	7.09E-13	-5857.513	
0.50000	278.697900	-7502.177	9.09E-13
-3.62E-29	5.27E-13	-4353.665	
0.75000	278.697900	-7468.052	9.04E-13
-3.62E-29	3.46E-13	-2856.642	
1.00000	278.697900	-7433.927	9.00E-13
-3.62E-29	1.65E-13	-1366.445	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-7570.427	9.17E-13
-3.62E-29	8.92E-13	-7368.186	
0.25000	278.697900	-7536.302	9.13E-13
-3.62E-29	7.09E-13	-5857.513	
0.50000	278.697900	-7502.177	9.09E-13
-3.62E-29	5.27E-13	-4353.665	
0.75000	278.697900	-7468.052	9.04E-13
-3.62E-29	3.46E-13	-2856.642	
1.00000	278.697900	-7433.927	9.00E-13
-3.62E-29	1.65E-13	-1366.445	

COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.66E-11	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-6.66E-11	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-6.66E-11	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-6.66E-11	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-6.66E-11	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.66E-11	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-6.66E-11	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-6.66E-11	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-6.66E-11	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-6.66E-11	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

FRAME ELEMENT INTERNAL FORCES

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.83E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.83E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.83E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.83E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.83E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.83E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.83E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.83E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.83E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.83E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.95E-11	-7570.427	9.17E-13
-2.67E-29	7.64E-13	-6312.157	
0.25000	-5.95E-11	-7536.302	9.13E-13
-2.67E-29	5.81E-13	-4801.484	
0.50000	-5.95E-11	-7502.177	9.09E-13
-2.67E-29	3.99E-13	-3297.636	
0.75000	-5.95E-11	-7468.052	9.04E-13
-2.67E-29	2.18E-13	-1800.613	
1.00000	-5.95E-11	-7433.927	9.00E-13
-2.67E-29	3.76E-14	-310.415625	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3

T	M2	M3	
0.00000	-5.95E-11	-7570.427	9.17E-13
-2.67E-29	7.64E-13	-6312.157	
0.25000	-5.95E-11	-7536.302	9.13E-13
-2.67E-29	5.81E-13	-4801.484	
0.50000	-5.95E-11	-7502.177	9.09E-13
-2.67E-29	3.99E-13	-3297.636	
0.75000	-5.95E-11	-7468.052	9.04E-13
-2.67E-29	2.18E-13	-1800.613	
1.00000	-5.95E-11	-7433.927	9.00E-13
-2.67E-29	3.76E-14	-310.415625	

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.73E-12	-7570.427	9.17E-13
-2.67E-29	7.64E-13	-6312.157	
0.25000	-2.73E-12	-7536.302	9.13E-13
-2.67E-29	5.81E-13	-4801.484	
0.50000	-2.73E-12	-7502.177	9.09E-13
-2.67E-29	3.99E-13	-3297.636	
0.75000	-2.73E-12	-7468.052	9.04E-13
-2.67E-29	2.18E-13	-1800.613	
1.00000	-2.73E-12	-7433.927	9.00E-13
-2.67E-29	3.76E-14	-310.415625	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.73E-12	-7570.427	9.17E-13
-2.67E-29	7.64E-13	-6312.157	
0.25000	-2.73E-12	-7536.302	9.13E-13
-2.67E-29	5.81E-13	-4801.484	
0.50000	-2.73E-12	-7502.177	9.09E-13
-2.67E-29	3.99E-13	-3297.636	
0.75000	-2.73E-12	-7468.052	9.04E-13
-2.67E-29	2.18E-13	-1800.613	
1.00000	-2.73E-12	-7433.927	9.00E-13
-2.67E-29	3.76E-14	-310.415625	

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COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	438.457500	-7279.256	8.82E-13
-4.04E-29	9.14E-13	-7543.482	
0.25000	438.457500	-7246.444	8.78E-13
-4.04E-29	7.38E-13	-6090.912	
0.50000	438.457500	-7213.631	8.74E-13
-4.04E-29	5.63E-13	-4644.904	
0.75000	438.457500	-7180.819	8.70E-13
-4.04E-29	3.88E-13	-3205.459	
1.00000	438.457500	-7148.006	8.66E-13
-4.04E-29	2.15E-13	-1772.577	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	438.457500	-7279.256	8.82E-13
-4.04E-29	9.14E-13	-7543.482	
0.25000	438.457500	-7246.444	8.78E-13
-4.04E-29	7.38E-13	-6090.912	
0.50000	438.457500	-7213.631	8.74E-13
-4.04E-29	5.63E-13	-4644.904	
0.75000	438.457500	-7180.819	8.70E-13
-4.04E-29	3.88E-13	-3205.459	
1.00000	438.457500	-7148.006	8.66E-13
-4.04E-29	2.15E-13	-1772.577	

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	438.457500	-7279.256	8.82E-13
-4.04E-29	9.14E-13	-7543.482	
0.25000	438.457500	-7246.444	8.78E-13
-4.04E-29	7.38E-13	-6090.912	
0.50000	438.457500	-7213.631	8.74E-13
-4.04E-29	5.63E-13	-4644.904	
0.75000	438.457500	-7180.819	8.70E-13
-4.04E-29	3.88E-13	-3205.459	
1.00000	438.457500	-7148.006	8.66E-13
-4.04E-29	2.15E-13	-1772.577	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	438.457500	-7279.256	8.82E-13
-4.04E-29	9.14E-13	-7543.482	
0.25000	438.457500	-7246.444	8.78E-13
-4.04E-29	7.38E-13	-6090.912	
0.50000	438.457500	-7213.631	8.74E-13
-4.04E-29	5.63E-13	-4644.904	
0.75000	438.457500	-7180.819	8.70E-13
-4.04E-29	3.88E-13	-3205.459	
1.00000	438.457500	-7148.006	8.66E-13
-4.04E-29	2.15E-13	-1772.577	

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-9631.356	1.17E-12
-4.31E-29	1.09E-12	-8966.474	
0.25000	267.978750	-9598.544	1.16E-12
-4.31E-29	8.53E-13	-7043.484	
0.50000	267.978750	-9565.731	1.16E-12
-4.31E-29	6.21E-13	-5127.057	
0.75000	267.978750	-9532.919	1.15E-12
-4.31E-29	3.90E-13	-3217.192	
1.00000	267.978750	-9500.106	1.15E-12
-4.31E-29	1.59E-13	-1313.889	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-9631.356	1.17E-12
-4.31E-29	1.09E-12	-8966.474	
0.25000	267.978750	-9598.544	1.16E-12
-4.31E-29	8.53E-13	-7043.484	
0.50000	267.978750	-9565.731	1.16E-12
-4.31E-29	6.21E-13	-5127.057	
0.75000	267.978750	-9532.919	1.15E-12
-4.31E-29	3.90E-13	-3217.192	
1.00000	267.978750	-9500.106	1.15E-12
-4.31E-29	1.59E-13	-1313.889	

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COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-9631.356	1.17E-12
-4.31E-29	1.09E-12	-8966.474	
0.25000	267.978750	-9598.544	1.16E-12
-4.31E-29	8.53E-13	-7043.484	
0.50000	267.978750	-9565.731	1.16E-12
-4.31E-29	6.21E-13	-5127.057	
0.75000	267.978750	-9532.919	1.15E-12
-4.31E-29	3.90E-13	-3217.192	
1.00000	267.978750	-9500.106	1.15E-12
-4.31E-29	1.59E-13	-1313.889	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-9631.356	1.17E-12
-4.31E-29	1.09E-12	-8966.474	
0.25000	267.978750	-9598.544	1.16E-12
-4.31E-29	8.53E-13	-7043.484	
0.50000	267.978750	-9565.731	1.16E-12
-4.31E-29	6.21E-13	-5127.057	
0.75000	267.978750	-9532.919	1.15E-12
-4.31E-29	3.90E-13	-3217.192	
1.00000	267.978750	-9500.106	1.15E-12
-4.31E-29	1.59E-13	-1313.889	

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-7279.256	8.82E-13
-3.48E-29	8.58E-13	-7084.794	
0.25000	267.978750	-7246.444	8.78E-13
-3.48E-29	6.82E-13	-5632.224	
0.50000	267.978750	-7213.631	8.74E-13
-3.48E-29	5.07E-13	-4186.217	
0.75000	267.978750	-7180.819	8.70E-13
-3.48E-29	3.33E-13	-2746.772	
1.00000	267.978750	-7148.006	8.66E-13
-3.48E-29	1.59E-13	-1313.889	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-7279.256	8.82E-13
-3.48E-29	8.58E-13	-7084.794	
0.25000	267.978750	-7246.444	8.78E-13
-3.48E-29	6.82E-13	-5632.224	
0.50000	267.978750	-7213.631	8.74E-13
-3.48E-29	5.07E-13	-4186.217	
0.75000	267.978750	-7180.819	8.70E-13
-3.48E-29	3.33E-13	-2746.772	
1.00000	267.978750	-7148.006	8.66E-13
-3.48E-29	1.59E-13	-1313.889	

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-7279.256	8.82E-13
-3.48E-29	8.58E-13	-7084.794	
0.25000	267.978750	-7246.444	8.78E-13
-3.48E-29	6.82E-13	-5632.224	
0.50000	267.978750	-7213.631	8.74E-13
-3.48E-29	5.07E-13	-4186.217	
0.75000	267.978750	-7180.819	8.70E-13
-3.48E-29	3.33E-13	-2746.772	
1.00000	267.978750	-7148.006	8.66E-13
-3.48E-29	1.59E-13	-1313.889	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	267.978750	-7279.256	8.82E-13
-3.48E-29	8.58E-13	-7084.794	
0.25000	267.978750	-7246.444	8.78E-13
-3.48E-29	6.82E-13	-5632.224	
0.50000	267.978750	-7213.631	8.74E-13
-3.48E-29	5.07E-13	-4186.217	
0.75000	267.978750	-7180.819	8.70E-13
-3.48E-29	3.33E-13	-2746.772	
1.00000	267.978750	-7148.006	8.66E-13
-3.48E-29	1.59E-13	-1313.889	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.10E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-2.10E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-2.10E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-2.10E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-2.10E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.10E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-2.10E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-2.10E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-2.10E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-2.10E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.83E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.83E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.83E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.83E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.83E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.83E-12	-10016.611	1.21E-12
-3.54E-29	1.00E-12	-8269.104	
0.25000	-9.83E-12	-9982.486	1.21E-12
-3.54E-29	7.59E-13	-6269.194	
0.50000	-9.83E-12	-9948.361	1.20E-12
-3.54E-29	5.18E-13	-4276.110	
0.75000	-9.83E-12	-9914.236	1.20E-12
-3.54E-29	2.77E-13	-2289.850	
1.00000	-9.83E-12	-9880.111	1.20E-12
-3.54E-29	3.76E-14	-310.415625	

COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.919200	-6988.086	8.46E-13
-3.88E-29	8.77E-13	-7241.742	
0.25000	420.919200	-6956.586	8.42E-13
-3.88E-29	7.08E-13	-5847.275	
0.50000	420.919200	-6925.086	8.39E-13
-3.88E-29	5.40E-13	-4459.108	
0.75000	420.919200	-6893.586	8.35E-13
-3.88E-29	3.73E-13	-3077.241	
1.00000	420.919200	-6862.086	8.31E-13
-3.88E-29	2.06E-13	-1701.673	

COMB ULO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.919200	-6988.086	8.46E-13
-3.88E-29	8.77E-13	-7241.742	
0.25000	420.919200	-6956.586	8.42E-13
-3.88E-29	7.08E-13	-5847.275	
0.50000	420.919200	-6925.086	8.39E-13
-3.88E-29	5.40E-13	-4459.108	
0.75000	420.919200	-6893.586	8.35E-13
-3.88E-29	3.73E-13	-3077.241	
1.00000	420.919200	-6862.086	8.31E-13
-3.88E-29	2.06E-13	-1701.673	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.39E-11	-9869.017	1.20E-12
-3.49E-29	9.80E-13	-8091.995	
0.25000	-1.39E-11	-9842.767	1.19E-12
-3.49E-29	7.41E-13	-6120.816	
0.50000	-1.39E-11	-9816.517	1.19E-12
-3.49E-29	5.03E-13	-4154.888	
0.75000	-1.39E-11	-9790.267	1.19E-12
-3.49E-29	2.66E-13	-2194.210	
1.00000	-1.39E-11	-9764.017	1.18E-12
-3.49E-29	2.89E-14	-238.781250	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.39E-11	-9869.017	1.20E-12
-3.49E-29	9.80E-13	-8091.995	
0.25000	-1.39E-11	-9842.767	1.19E-12
-3.49E-29	7.41E-13	-6120.816	
0.50000	-1.39E-11	-9816.517	1.19E-12
-3.49E-29	5.03E-13	-4154.888	
0.75000	-1.39E-11	-9790.267	1.19E-12
-3.49E-29	2.66E-13	-2194.210	
1.00000	-1.39E-11	-9764.017	1.18E-12
-3.49E-29	2.89E-14	-238.781250	

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.19E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-2.19E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-2.19E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-2.19E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-2.19E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.19E-12	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-2.19E-12	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-2.19E-12	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-2.19E-12	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-2.19E-12	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	455.995800	-5823.405	7.05E-13
-3.59E-29	7.74E-13	-6388.569	
0.25000	455.995800	-5797.155	7.02E-13
-3.59E-29	6.33E-13	-5226.513	
0.50000	455.995800	-5770.905	6.99E-13
-3.59E-29	4.93E-13	-4069.707	
0.75000	455.995800	-5744.655	6.96E-13
-3.59E-29	3.53E-13	-2918.151	
1.00000	455.995800	-5718.405	6.93E-13
-3.59E-29	2.15E-13	-1771.845	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	455.995800	-5823.405	7.05E-13
-3.59E-29	7.74E-13	-6388.569	
0.25000	455.995800	-5797.155	7.02E-13
-3.59E-29	6.33E-13	-5226.513	
0.50000	455.995800	-5770.905	6.99E-13
-3.59E-29	4.93E-13	-4069.707	
0.75000	455.995800	-5744.655	6.96E-13
-3.59E-29	3.53E-13	-2918.151	
1.00000	455.995800	-5718.405	6.93E-13
-3.59E-29	2.15E-13	-1771.845	

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COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-8269.589	1.00E-12
-3.87E-29	9.53E-13	-7868.481	
0.25000	278.697900	-8243.339	9.98E-13
-3.87E-29	7.53E-13	-6217.189	
0.50000	278.697900	-8217.089	9.95E-13
-3.87E-29	5.54E-13	-4571.146	
0.75000	278.697900	-8190.839	9.92E-13
-3.87E-29	3.55E-13	-2930.353	
1.00000	278.697900	-8164.589	9.89E-13
-3.87E-29	1.57E-13	-1294.810	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-8269.589	1.00E-12
-3.87E-29	9.53E-13	-7868.481	
0.25000	278.697900	-8243.339	9.98E-13
-3.87E-29	7.53E-13	-6217.189	
0.50000	278.697900	-8217.089	9.95E-13
-3.87E-29	5.54E-13	-4571.146	
0.75000	278.697900	-8190.839	9.92E-13
-3.87E-29	3.55E-13	-2930.353	
1.00000	278.697900	-8164.589	9.89E-13
-3.87E-29	1.57E-13	-1294.810	

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-5823.405	7.05E-13
-3.00E-29	7.16E-13	-5911.534	
0.25000	278.697900	-5797.155	7.02E-13
-3.00E-29	5.75E-13	-4749.478	
0.50000	278.697900	-5770.905	6.99E-13
-3.00E-29	4.35E-13	-3592.672	
0.75000	278.697900	-5744.655	6.96E-13
-3.00E-29	2.96E-13	-2441.116	
1.00000	278.697900	-5718.405	6.93E-13
-3.00E-29	1.57E-13	-1294.810	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	278.697900	-5823.405	7.05E-13
-3.00E-29	7.16E-13	-5911.534	
0.25000	278.697900	-5797.155	7.02E-13
-3.00E-29	5.75E-13	-4749.478	
0.50000	278.697900	-5770.905	6.99E-13
-3.00E-29	4.35E-13	-3592.672	
0.75000	278.697900	-5744.655	6.96E-13
-3.00E-29	2.96E-13	-2441.116	
1.00000	278.697900	-5718.405	6.93E-13
-3.00E-29	1.57E-13	-1294.810	

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.60E-11	-8269.589	1.00E-12
-2.92E-29	8.25E-13	-6812.452	
0.25000	-6.60E-11	-8243.339	9.98E-13
-2.92E-29	6.25E-13	-5161.160	
0.50000	-6.60E-11	-8217.089	9.95E-13
-2.92E-29	4.26E-13	-3515.117	
0.75000	-6.60E-11	-8190.839	9.92E-13
-2.92E-29	2.27E-13	-1874.324	
1.00000	-6.60E-11	-8164.589	9.89E-13
-2.92E-29	2.89E-14	-238.781250	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.60E-11	-8269.589	1.00E-12
-2.92E-29	8.25E-13	-6812.452	
0.25000	-6.60E-11	-8243.339	9.98E-13
-2.92E-29	6.25E-13	-5161.160	
0.50000	-6.60E-11	-8217.089	9.95E-13
-2.92E-29	4.26E-13	-3515.117	
0.75000	-6.60E-11	-8190.839	9.92E-13
-2.92E-29	2.27E-13	-1874.324	
1.00000	-6.60E-11	-8164.589	9.89E-13
-2.92E-29	2.89E-14	-238.781250	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.28E-12	-8269.589	1.00E-12
-2.92E-29	8.25E-13	-6812.452	
0.25000	-9.28E-12	-8243.339	9.98E-13
-2.92E-29	6.25E-13	-5161.160	
0.50000	-9.28E-12	-8217.089	9.95E-13
-2.92E-29	4.26E-13	-3515.117	
0.75000	-9.28E-12	-8190.839	9.92E-13
-2.92E-29	2.27E-13	-1874.324	
1.00000	-9.28E-12	-8164.589	9.89E-13
-2.92E-29	2.89E-14	-238.781250	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.28E-12	-8269.589	1.00E-12
-2.92E-29	8.25E-13	-6812.452	
0.25000	-9.28E-12	-8243.339	9.98E-13
-2.92E-29	6.25E-13	-5161.160	
0.50000	-9.28E-12	-8217.089	9.95E-13
-2.92E-29	4.26E-13	-3515.117	
0.75000	-9.28E-12	-8190.839	9.92E-13
-2.92E-29	2.27E-13	-1874.324	
1.00000	-9.28E-12	-8164.589	9.89E-13
-2.92E-29	2.89E-14	-238.781250	

COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.89E-11	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-5.89E-11	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-5.89E-11	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-5.89E-11	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-5.89E-11	-5718.405	6.93E-13
-2.05E-29	2.89E-14	-238.781250	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.89E-11	-5823.405	7.05E-13
-2.05E-29	5.88E-13	-4855.505	
0.25000	-5.89E-11	-5797.155	7.02E-13
-2.05E-29	4.47E-13	-3693.449	
0.50000	-5.89E-11	-5770.905	6.99E-13
-2.05E-29	3.07E-13	-2536.643	
0.75000	-5.89E-11	-5744.655	6.96E-13
-2.05E-29	1.68E-13	-1385.087	
1.00000	-5.89E-11	-5718.405	6.93E-13

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-2.05E-29    2.89E-14 -238.781250

 COMB    UEO09 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.19E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -2.19E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -2.19E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -2.19E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -2.19E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    UEO09 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.19E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -2.19E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -2.19E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -2.19E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -2.19E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250
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L    F O R C E S

 COMB    UEO10 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    438.457500   -5532.235    6.70E-13
-3.43E-29    7.37E-13   -6086.830
 0.25000    438.457500   -5507.297    6.67E-13
-3.43E-29    6.03E-13   -4982.877
 0.50000    438.457500   -5482.360    6.64E-13
-3.43E-29    4.70E-13   -3883.911
 0.75000    438.457500   -5457.422    6.61E-13
-3.43E-29    3.38E-13   -2789.933
 1.00000    438.457500   -5432.485    6.58E-13
-3.43E-29    2.06E-13   -1700.942

 COMB    UEO10 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    438.457500   -5532.235    6.70E-13
-3.43E-29    7.37E-13   -6086.830
 0.25000    438.457500   -5507.297    6.67E-13
-3.43E-29    6.03E-13   -4982.877
 0.50000    438.457500   -5482.360    6.64E-13
-3.43E-29    4.70E-13   -3883.911
 0.75000    438.457500   -5457.422    6.61E-13
-3.43E-29    3.38E-13   -2789.933
 1.00000    438.457500   -5432.485    6.58E-13
-3.43E-29    2.06E-13   -1700.942

 COMB    UEO11 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    438.457500   -5532.235    6.70E-13
-3.43E-29    7.37E-13   -6086.830
 0.25000    438.457500   -5507.297    6.67E-13
-3.43E-29    6.03E-13   -4982.877
 0.50000    438.457500   -5482.360    6.64E-13
-3.43E-29    4.70E-13   -3883.911
 0.75000    438.457500   -5457.422    6.61E-13
-3.43E-29    3.38E-13   -2789.933
 1.00000    438.457500   -5432.485    6.58E-13
-3.43E-29    2.06E-13   -1700.942

 COMB    UEO11 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    438.457500   -5532.235    6.70E-13
-3.43E-29    7.37E-13   -6086.830
 0.25000    438.457500   -5507.297    6.67E-13
-3.43E-29    6.03E-13   -4982.877
 0.50000    438.457500   -5482.360    6.64E-13
-3.43E-29    4.70E-13   -3883.911
 0.75000    438.457500   -5457.422    6.61E-13
-3.43E-29    3.38E-13   -2789.933
 1.00000    438.457500   -5432.485    6.58E-13
-3.43E-29    2.06E-13   -1700.942

 COMB    UEO12 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -7884.335    9.55E-13
-3.70E-29    9.09E-13   -7509.822
 0.25000    267.978750   -7859.397    9.52E-13
-3.70E-29    7.19E-13   -5935.449
 0.50000    267.978750   -7834.460    9.49E-13
-3.70E-29    5.29E-13   -4366.064
 0.75000    267.978750   -7809.522    9.46E-13
-3.70E-29    3.39E-13   -2801.665
 1.00000    267.978750   -7784.585    9.43E-13
-3.70E-29    1.50E-13   -1242.255

 COMB    UEO12 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -7884.335    9.55E-13
-3.70E-29    9.09E-13   -7509.822
 0.25000    267.978750   -7859.397    9.52E-13
-3.70E-29    7.19E-13   -5935.449
 0.50000    267.978750   -7834.460    9.49E-13
-3.70E-29    5.29E-13   -4366.064
 0.75000    267.978750   -7809.522    9.46E-13
-3.70E-29    3.39E-13   -2801.665
 1.00000    267.978750   -7784.585    9.43E-13
-3.70E-29    1.50E-13   -1242.255
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L    F O R C E S

 COMB    UEO13 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -7884.335    9.55E-13
-3.70E-29    9.09E-13   -7509.822
 0.25000    267.978750   -7859.397    9.52E-13
-3.70E-29    7.19E-13   -5935.449
 0.50000    267.978750   -7834.460    9.49E-13
-3.70E-29    5.29E-13   -4366.064
 0.75000    267.978750   -7809.522    9.46E-13
-3.70E-29    3.39E-13   -2801.665
 1.00000    267.978750   -7784.585    9.43E-13
-3.70E-29    1.50E-13   -1242.255

 COMB    UEO13 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -7884.335    9.55E-13
-3.70E-29    9.09E-13   -7509.822
 0.25000    267.978750   -7859.397    9.52E-13
-3.70E-29    7.19E-13   -5935.449
 0.50000    267.978750   -7834.460    9.49E-13
-3.70E-29    5.29E-13   -4366.064
 0.75000    267.978750   -7809.522    9.46E-13
-3.70E-29    3.39E-13   -2801.665
 1.00000    267.978750   -7784.585    9.43E-13
-3.70E-29    1.50E-13   -1242.255

 COMB    UEO14 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -5532.235    6.70E-13
-2.86E-29    6.82E-13   -5628.142
 0.25000    267.978750   -5507.297    6.67E-13
-2.86E-29    5.48E-13   -4524.189
 0.50000    267.978750   -5482.360    6.64E-13
-2.86E-29    4.15E-13   -3425.224
 0.75000    267.978750   -5457.422    6.61E-13
-2.86E-29    2.82E-13   -2331.245
 1.00000    267.978750   -5432.485    6.58E-13
-2.86E-29    1.50E-13   -1242.255

 COMB    UEO14 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -5532.235    6.70E-13
-2.86E-29    6.82E-13   -5628.142
 0.25000    267.978750   -5507.297    6.67E-13
-2.86E-29    5.48E-13   -4524.189
 0.50000    267.978750   -5482.360    6.64E-13
-2.86E-29    4.15E-13   -3425.224
 0.75000    267.978750   -5457.422    6.61E-13
-2.86E-29    2.82E-13   -2331.245
 1.00000    267.978750   -5432.485    6.58E-13
-2.86E-29    1.50E-13   -1242.255

 COMB    UEO15 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -5532.235    6.70E-13
-2.86E-29    6.82E-13   -5628.142
 0.25000    267.978750   -5507.297    6.67E-13
-2.86E-29    5.48E-13   -4524.189
 0.50000    267.978750   -5482.360    6.64E-13
-2.86E-29    4.15E-13   -3425.224
 0.75000    267.978750   -5457.422    6.61E-13
-2.86E-29    2.82E-13   -2331.245
 1.00000    267.978750   -5432.485    6.58E-13
-2.86E-29    1.50E-13   -1242.255

 COMB    UEO15 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    267.978750   -5532.235    6.70E-13
-2.86E-29    6.82E-13   -5628.142
 0.25000    267.978750   -5507.297    6.67E-13
-2.86E-29    5.48E-13   -4524.189
 0.50000    267.978750   -5482.360    6.64E-13
-2.86E-29    4.15E-13   -3425.224
 0.75000    267.978750   -5457.422    6.61E-13
-2.86E-29    2.82E-13   -2331.245
 1.00000    267.978750   -5432.485    6.58E-13
-2.86E-29    1.50E-13   -1242.255
Program    SAP2000    Nonlinear    Version    7.42
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L    F O R C E S

 COMB    UEO16 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.10E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -2.10E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -2.10E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -2.10E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -2.10E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    UEO16 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.10E-12   -5823.405    7.05E-13
-2.05E-29    5.88E-13   -4855.505
 0.25000    -2.10E-12   -5797.155    7.02E-13
-2.05E-29    4.47E-13   -3693.449
 0.50000    -2.10E-12   -5770.905    6.99E-13
-2.05E-29    3.07E-13   -2536.643
 0.75000    -2.10E-12   -5744.655    6.96E-13
-2.05E-29    1.68E-13   -1385.087
 1.00000    -2.10E-12   -5718.405    6.93E-13
-2.05E-29    2.89E-14 -238.781250

 COMB    UEO17 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -9.28E-12   -8269.589    1.00E-12
-2.92E-29    8.25E-13   -6812.452
 0.25000    -9.28E-12   -8243.339    9.98E-13
-2.92E-29    6.25E-13   -5161.160
 0.50000    -9.28E-12   -8217.089    9.95E-13
-2.92E-29    4.26E-13   -3515.117
 0.75000    -9.28E-12   -8190.839    9.92E-13
-2.92E-29    2.27E-13   -1874.324
 1.00000    -9.28E-12   -8164.589    9.89E-13
-2.92E-29    2.89E-14 -238.781250

 COMB    UEO17 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -9.28E-12   -8269.589    1.00E-12
-2.92E-29    8.25E-13   -6812.452
 0.25000    -9.28E-12   -8243.339    9.98E-13
-2.92E-29    6.25E-13   -5161.160
 0.50000    -9.28E-12   -8217.089    9.95E-13
-2.92E-29    4.26E-13   -3515.117
 0.75000    -9.28E-12   -8190.839    9.92E-13
-2.92E-29    2.27E-13   -1874.324
 1.00000    -9.28E-12   -8164.589    9.89E-13
-2.92E-29    2.89E-14 -238.781250

 COMB    UEO18 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    420.919200   -5241.065    6.35E-13
-3.27E-29    7.01E-13   -5785.091
 0.25000    420.919200   -5217.440    6.32E-13
-3.27E-29    5.74E-13   -4739.240
 0.50000    420.919200   -5193.815    6.29E-13
-3.27E-29    4.48E-13   -3698.115
 0.75000    420.919200   -5170.190    6.26E-13
-3.27E-29    3.22E-13   -2661.715
 1.00000    420.919200   -5146.565    6.23E-13
-3.27E-29    1.97E-13   -1630.039

 COMB    UEO18 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    420.919200   -5241.065    6.35E-13
-3.27E-29    7.01E-13   -5785.091
 0.25000    420.919200   -5217.440    6.32E-13
-3.27E-29    5.74E-13   -4739.240
 0.50000    420.919200   -5193.815    6.29E-13
-3.27E-29    4.48E-13   -3698.115
 0.75000    420.919200   -5170.190    6.26E-13
-3.27E-29    3.22E-13   -2661.715
 1.00000    420.919200   -5146.565    6.23E-13
-3.27E-29    1.97E-13   -1630.039
Program    SAP2000    Nonlinear    Version    7.42
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L    F O R C E S

 COMB ENVBULT ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.41E-11   -11616.039    1.41E-12
-4.11E-29    1.16E-12   -9548.646
 0.25000    -1.41E-11   -11581.914    1.40E-12
-4.11E-29    8.75E-13   -7228.851
 0.50000    -1.41E-11   -11547.789    1.40E-12
-4.11E-29    5.95E-13   -4915.881
 0.75000    -1.41E-11   -11513.664    1.39E-12
-4.11E-29    3.16E-13   -2609.736
 1.00000    -1.41E-11   -11479.539    1.39E-12
-4.11E-29    3.76E-14 -310.415625

 COMB ENVBULT ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.41E-11   -11616.039    1.41E-12
-4.11E-29    1.16E-12   -9548.646
 0.25000    -1.41E-11   -11581.914    1.40E-12
-4.11E-29    8.75E-13   -7228.851
 0.50000    -1.41E-11   -11547.789    1.40E-12
-4.11E-29    5.95E-13   -4915.881
 0.75000    -1.41E-11   -11513.664    1.39E-12
-4.11E-29    3.16E-13   -2609.736
 1.00000    -1.41E-11   -11479.539    1.39E-12
-4.11E-29    3.76E-14 -310.415625

 COMB ENVBECC ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.82E-12   -5823.405    1.20E-12
-2.05E-29    9.80E-13   -4855.505
 0.25000    -1.82E-12   -5797.155    1.19E-12
-2.05E-29    7.41E-13   -3693.449
 0.50000    -1.82E-12   -5770.905    1.19E-12
-2.05E-29    5.03E-13   -2536.643
 0.75000    -1.82E-12   -5744.655    1.19E-12
-2.05E-29    2.66E-13   -1385.087
 1.00000    -1.82E-12   -5718.405    1.18E-12
-2.05E-29    2.89E-14 -238.781250

 COMB ENVBECC ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.36E-11   -9869.017    7.05E-13
-3.49E-29    5.88E-13   -8091.995
 0.25000    -1.36E-11   -9842.767    7.02E-13
-3.49E-29    4.47E-13   -6120.816
 0.50000    -1.36E-11   -9816.517    6.99E-13
-3.49E-29    3.07E-13   -4154.888
 0.75000    -1.36E-11   -9790.267    6.96E-13
-3.49E-29    1.68E-13   -2194.210
 1.00000    -1.36E-11   -9764.017    6.93E-13
-3.49E-29    2.89E-14 -238.781250

 COMB ENVOULT ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.45E-11   -11616.039    1.41E-12
-4.11E-29    1.16E-12   -9548.646
 0.25000    -1.45E-11   -11581.914    1.40E-12
-4.11E-29    8.75E-13   -7228.851
 0.50000    -1.45E-11   -11547.789    1.40E-12
-4.11E-29    5.95E-13   -4915.881
 0.75000    -1.45E-11   -11513.664    1.39E-12
-4.11E-29    3.16E-13   -2609.736
 1.00000    -1.45E-11   -11479.539    1.39E-12
-4.11E-29    3.76E-14 -310.415625

 COMB ENVOULT ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.45E-11   -11616.039    1.41E-12
-4.11E-29    1.16E-12   -9548.646
 0.25000    -1.45E-11   -11581.914    1.40E-12
-4.11E-29    8.75E-13   -7228.851
 0.50000    -1.45E-11   -11547.789    1.40E-12
-4.11E-29    5.95E-13   -4915.881
 0.75000    -1.45E-11   -11513.664    1.39E-12
-4.11E-29    3.16E-13   -2609.736
 1.00000    -1.45E-11   -11479.539    1.39E-12
-4.11E-29    3.76E-14 -310.415625
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 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S

 COMB ENVOECC ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.19E-12   -5823.405    1.20E-12
-2.05E-29    9.80E-13   -4855.505
 0.25000    -2.19E-12   -5797.155    1.19E-12
-2.05E-29    7.41E-13   -3693.449
 0.50000    -2.19E-12   -5770.905    1.19E-12
-2.05E-29    5.03E-13   -2536.643
 0.75000    -2.19E-12   -5744.655    1.19E-12
-2.05E-29    2.66E-13   -1385.087
 1.00000    -2.19E-12   -5718.405    1.18E-12
-2.05E-29    2.89E-14 -238.781250

 COMB ENVOECC ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.39E-11   -9869.017    7.05E-13
-3.49E-29    5.88E-13   -8091.995
 0.25000    -1.39E-11   -9842.767    7.02E-13
-3.49E-29    4.47E-13   -6120.816
 0.50000    -1.39E-11   -9816.517    6.99E-13
-3.49E-29    3.07E-13   -4154.888
 0.75000    -1.39E-11   -9790.267    6.96E-13
-3.49E-29    1.68E-13   -2194.210
 1.00000    -1.39E-11   -9764.017    6.93E-13
-3.49E-29    2.89E-14 -238.781250

 ELEM      14 ================= LENGTH =
0.175000

 LOAD      D ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000  -241.875000    2.93E-14
-3.79E-29    2.89E-14 -238.781250
 0.25000    .000000  -236.132813    2.86E-14
-3.79E-29    2.77E-14 -228.324829
 0.50000    .000000  -230.390625    2.79E-14
-3.79E-29    2.64E-14 -218.119629
 0.75000    .000000  -224.648438    2.72E-14
-3.79E-29    2.52E-14 -208.165649
 1.00000    .000000  -218.906250    2.65E-14
-3.79E-29    2.40E-14 -198.462891

 LOAD      L1 ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000    .000000    .000000
-1.26E-29    8.08E-28   .000000
 0.25000    .000000    .000000    .000000
-1.26E-29    8.08E-28   .000000
 0.50000    .000000    .000000    .000000
-1.26E-29    8.08E-28   .000000
 0.75000    .000000    .000000    .000000
-1.26E-29    8.08E-28   .000000
 1.00000    .000000    .000000    .000000
-1.26E-29    8.08E-28   .000000

 LOAD      W-LO ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000   -1.41E-15   -11.610000
3.64E-12   -11.461500   -1.39E-15
 0.25000    .000000   -1.37E-15   -11.334375
3.64E-12   -10.959592   -1.33E-15
 0.50000    .000000   -1.34E-15   -11.058750
3.64E-12   -10.469742   -1.27E-15
 0.75000    .000000   -1.31E-15   -10.783125
3.64E-12    -9.991951   -1.21E-15
 1.00000    .000000   -1.27E-15   -10.507500
3.64E-12    -9.526219   -1.15E-15

 LOAD      G-LO2 ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000    .000000    2.33E-10
2.91E-11    2.91E-11   .000000
 0.25000    .000000    .000000    2.33E-10
2.91E-11    1.89E-11   .000000
 0.50000    .000000    .000000    2.33E-10
2.91E-11    8.73E-12   .000000
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L    F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000    .000000    .000000    2.33E-10
2.91E-11   -1.46E-12   .000000
 1.00000    .000000    .000000    2.33E-10
2.91E-11   -1.16E-11   .000000

 LOAD      E-LO ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.25000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.50000    .000000    .000000    .000000
 .000000    .000000    .000000
 0.75000    .000000    .000000    .000000
 .000000    .000000    .000000
 1.00000    .000000    .000000    .000000
 .000000    .000000    .000000

 LOAD      W-TR ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000   -1.46E-11    .000000
-1.89E-29    2.42E-27   .000000
 0.25000    .000000   -1.46E-11    .000000
-1.89E-29    2.42E-27   6.37E-13
 0.50000    .000000   -1.46E-11    .000000
-1.89E-29    2.42E-27   1.27E-12
 0.75000    .000000   -1.46E-11    .000000
-1.89E-29    2.42E-27   1.91E-12
 1.00000    .000000   -1.46E-11    .000000
-1.89E-29    2.42E-27   2.55E-12

 LOAD      WL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000   -1.82E-12    .000000
-7.89E-31    2.02E-28   9.09E-13
 0.25000    .000000   -1.82E-12    .000000
-7.89E-31    2.02E-28   9.89E-13
 0.50000    .000000   -1.82E-12    .000000
-7.89E-31    2.02E-28   1.07E-12
 0.75000    .000000   -1.82E-12    .000000
-7.89E-31    2.02E-28   1.15E-12
 1.00000    .000000   -1.82E-12    .000000
-7.89E-31    2.02E-28   1.23E-12

 LOAD      G-TR ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    .000000   -9.09E-13    1.01E-28
-2.37E-30    3.03E-28   -9.09E-13
 0.25000    .000000   -9.09E-13    1.01E-28
-2.37E-30    2.99E-28   -8.70E-13
 0.50000    .000000   -9.09E-13    1.01E-28
-2.37E-30    2.94E-28   -8.30E-13
 0.75000    .000000   -9.09E-13    1.01E-28
-2.37E-30    2.90E-28   -7.90E-13
 1.00000    .000000   -9.09E-13    1.01E-28
-2.37E-30    2.85E-28   -7.50E-13

 LOAD      E-TR ------------------
```

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-7.11E-15	.000000
-6.16E-33	7.89E-31	.000000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	.000000	-7.11E-15	.000000
-6.16E-33	7.89E-31	3.11E-16	
0.50000	.000000	-7.11E-15	.000000
-6.16E-33	7.89E-31	6.22E-16	
0.75000	.000000	-7.11E-15	.000000
-6.16E-33	7.89E-31	9.33E-16	
1.00000	.000000	-7.11E-15	.000000
-6.16E-33	7.89E-31	1.24E-15	

LOAD COL-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-1.42E-14	1.58E-30
-6.16E-33	1.58E-30	.000000	
0.25000	.000000	-1.42E-14	1.58E-30
-6.16E-33	1.51E-30	6.22E-16	
0.50000	.000000	-1.42E-14	1.58E-30
-6.16E-33	1.44E-30	1.24E-15	
0.75000	.000000	-1.42E-14	1.58E-30
-6.16E-33	1.37E-30	1.87E-15	
1.00000	.000000	-1.42E-14	1.58E-30
-6.16E-33	1.30E-30	2.49E-15	

COMB SVB01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.05E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.05E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.05E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.05E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.05E-29	2.40E-14	-198.462891	

COMB SVB01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.05E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.05E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.05E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.05E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.05E-29	2.40E-14	-198.462891	

COMB SVB02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB SVB02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-11.610000
3.64E-12	-11.461500	-238.781250	
0.25000	.000000	-236.132813	-11.334375
3.64E-12	-10.959592	-228.324829	
0.50000	.000000	-230.390625	-11.058750
3.64E-12	-10.469742	-218.119629	
0.75000	.000000	-224.648438	-10.783125
3.64E-12	-9.991951	-208.165649	
1.00000	.000000	-218.906250	-10.507500
3.64E-12	-9.526219	-198.462891	

COMB SVB03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-11.610000
3.64E-12	-11.461500	-238.781250	
0.25000	.000000	-236.132813	-11.334375
3.64E-12	-10.959592	-228.324829	
0.50000	.000000	-230.390625	-11.058750
3.64E-12	-10.469742	-218.119629	
0.75000	.000000	-224.648438	-10.783125
3.64E-12	-9.991951	-208.165649	
1.00000	.000000	-218.906250	-10.507500
3.64E-12	-9.526219	-198.462891	

COMB SVB04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB SVB04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB SVB05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB SVB05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.33E-10
2.91E-11	2.91E-11	-238.781250	
0.25000	.000000	-236.132813	2.33E-10
2.91E-11	1.89E-11	-228.324829	
0.50000	.000000	-230.390625	2.33E-10
2.91E-11	8.76E-12	-218.119629	
0.75000	.000000	-224.648438	2.33E-10
2.91E-11	-1.43E-12	-208.165649	
1.00000	.000000	-218.906250	2.33E-10
2.91E-11	-1.16E-11	-198.462891	

COMB SVB06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.33E-10
2.91E-11	2.91E-11	-238.781250	
0.25000	.000000	-236.132813	2.33E-10
2.91E-11	1.89E-11	-228.324829	
0.50000	.000000	-230.390625	2.33E-10
2.91E-11	8.76E-12	-218.119629	
0.75000	.000000	-224.648438	2.33E-10
2.91E-11	-1.43E-12	-208.165649	
1.00000	.000000	-218.906250	2.33E-10
2.91E-11	-1.16E-11	-198.462891	

COMB SVB07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.05E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.05E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.05E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.05E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.05E-29	2.40E-14	-198.462891	

COMB SVB07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.05E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.05E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.05E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.05E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.05E-29	2.40E-14	-198.462891	

COMB SVB08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.33E-10
2.91E-11	2.91E-11	-238.781250	
0.25000	.000000	-236.132813	2.33E-10
2.91E-11	1.89E-11	-228.324829	
0.50000	.000000	-230.390625	2.33E-10
2.91E-11	8.76E-12	-218.119629	
0.75000	.000000	-224.648438	2.33E-10
2.91E-11	-1.43E-12	-208.165649	
1.00000	.000000	-218.906250	2.33E-10
2.91E-11	-1.16E-11	-198.462891	

COMB SVB08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.33E-10
2.91E-11	2.91E-11	-238.781250	
0.25000	.000000	-236.132813	2.33E-10
2.91E-11	1.89E-11	-228.324829	
0.50000	.000000	-230.390625	2.33E-10
2.91E-11	8.76E-12	-218.119629	
0.75000	.000000	-224.648438	2.33E-10
2.91E-11	-1.43E-12	-208.165649	
1.00000	.000000	-218.906250	2.33E-10
2.91E-11	-1.16E-11	-198.462891	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB SVB09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB SVB10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-11.610000
3.27E-11	-11.461500	-238.781250	
0.25000	.000000	-236.132813	-11.334375
3.27E-11	-10.959592	-228.324829	
0.50000	.000000	-230.390625	-11.058750
3.27E-11	-10.469742	-218.119629	
0.75000	.000000	-224.648438	-10.783125
3.27E-11	-9.991951	-208.165649	
1.00000	.000000	-218.906250	-10.507500
3.27E-11	-9.526219	-198.462891	

COMB SVB10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-11.610000
3.27E-11	-11.461500	-238.781250	
0.25000	.000000	-236.132813	-11.334375
3.27E-11	-10.959592	-228.324829	
0.50000	.000000	-230.390625	-11.058750
3.27E-11	-10.469742	-218.119629	
0.75000	.000000	-224.648438	-10.783125
3.27E-11	-9.991951	-208.165649	
1.00000	.000000	-218.906250	-10.507500
3.27E-11	-9.526219	-198.462891	

COMB SVB11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-11.610000
3.64E-12	-11.461500	-238.781250	
0.25000	.000000	-236.132813	-11.334375
3.64E-12	-10.959592	-228.324829	
0.50000	.000000	-230.390625	-11.058750
3.64E-12	-10.469742	-218.119629	
0.75000	.000000	-224.648438	-10.783125
3.64E-12	-9.991951	-208.165649	
1.00000	.000000	-218.906250	-10.507500
3.64E-12	-9.526219	-198.462891	

COMB SVB11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-11.610000
3.64E-12	-11.461500	-238.781250	
0.25000	.000000	-236.132813	-11.334375
3.64E-12	-10.959592	-228.324829	
0.50000	.000000	-230.390625	-11.058750
3.64E-12	-10.469742	-218.119629	
0.75000	.000000	-224.648438	-10.783125
3.64E-12	-9.991951	-208.165649	
1.00000	.000000	-218.906250	-10.507500
3.64E-12	-9.526219	-198.462891	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
3.09E-11	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667187
3.09E-11	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
3.09E-11	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391562
3.09E-11	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
3.09E-11	-4.763109	-198.462891	

COMB SVB12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
3.09E-11	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667187
3.09E-11	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
3.09E-11	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391562
3.09E-11	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
3.09E-11	-4.763109	-198.462891	

COMB SVB13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB SVB13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB SVB14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
3.09E-11	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667187
3.09E-11	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
3.09E-11	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391562
3.09E-11	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
3.09E-11	-4.763109	-198.462891	

COMB SVB14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
3.09E-11	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667187
3.09E-11	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
3.09E-11	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391562
3.09E-11	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
3.09E-11	-4.763109	-198.462891	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB SVB15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	.000000	-236.132813	-5.667188
1.82E-12	-5.479796	-228.324829	
0.50000	.000000	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	.000000	-224.648438	-5.391563
1.82E-12	-4.995976	-208.165649	
1.00000	.000000	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB ULB01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-7.64E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-7.64E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-7.64E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-7.64E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-7.64E-29	3.12E-14	-258.001758	

COMB ULB01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-7.64E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-7.64E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-7.64E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-7.64E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-7.64E-29	3.12E-14	-258.001758	

COMB ULB02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-4.92E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-4.92E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-4.92E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-4.92E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-4.92E-29	3.12E-14	-258.001758	

COMB ULB02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-4.92E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-4.92E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14

-4.92E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-4.92E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-4.92E-29 3.12E-14 -258.001758

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	-15.093000
4.73E-12	-14.899950	-310.415625	
0.25000	.000000	-306.972656	-14.734688
4.73E-12	-14.247469	-296.822278	
0.50000	.000000	-299.507813	-14.376375
4.73E-12	-13.610665	-283.555518	
0.75000	.000000	-292.042969	-14.018063
4.73E-12	-12.989537	-270.615344	
1.00000	.000000	-284.578125	-13.659750
4.73E-12	-12.384084	-258.001758	

COMB ULB03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	-15.093000
4.73E-12	-14.899950	-310.415625	
0.25000	.000000	-306.972656	-14.734688
4.73E-12	-14.247469	-296.822278	
0.50000	.000000	-299.507813	-14.376375
4.73E-12	-13.610665	-283.555518	
0.75000	.000000	-292.042969	-14.018063
4.73E-12	-12.989537	-270.615344	
1.00000	.000000	-284.578125	-13.659750
4.73E-12	-12.384084	-258.001758	

COMB ULB04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	-7.546500
2.36E-12	-7.449975	-310.415625	
0.25000	.000000	-306.972656	-7.367344
2.36E-12	-7.123735	-296.822278	
0.50000	.000000	-299.507813	-7.188188
2.36E-12	-6.805332	-283.555518	
0.75000	.000000	-292.042969	-7.009031
2.36E-12	-6.494768	-270.615344	
1.00000	.000000	-284.578125	-6.829875
2.36E-12	-6.192042	-258.001758	

COMB ULB04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	-7.546500
2.36E-12	-7.449975	-310.415625	
0.25000	.000000	-306.972656	-7.367344
2.36E-12	-7.123735	-296.822278	
0.50000	.000000	-299.507813	-7.188188
2.36E-12	-6.805332	-283.555518	
0.75000	.000000	-292.042969	-7.009031
2.36E-12	-6.494768	-270.615344	
1.00000	.000000	-284.578125	-6.829875
2.36E-12	-6.192042	-258.001758	

COMB ULB05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	-7.546500
2.36E-12	-7.449975	-310.415625	
0.25000	.000000	-306.972656	-7.367344
2.36E-12	-7.123735	-296.822278	
0.50000	.000000	-299.507813	-7.188188
2.36E-12	-6.805332	-283.555518	
0.75000	.000000	-292.042969	-7.009031
2.36E-12	-6.494768	-270.615344	
1.00000	.000000	-284.578125	-6.829875
2.36E-12	-6.192042	-258.001758	

COMB ULB05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	-7.546500
2.36E-12	-7.449975	-310.415625	
0.25000	.000000	-306.972656	-7.367344
2.36E-12	-7.123735	-296.822278	
0.50000	.000000	-299.507813	-7.188188
2.36E-12	-6.805332	-283.555518	
0.75000	.000000	-292.042969	-7.009031
2.36E-12	-6.494768	-270.615344	
1.00000	.000000	-284.578125	-6.829875
2.36E-12	-6.192042	-258.001758	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.03E-10
3.78E-11	3.79E-11	-310.415625	
0.25000	.000000	-306.972656	3.03E-10
3.78E-11	2.46E-11	-296.822278	
0.50000	.000000	-299.507813	3.03E-10
3.78E-11	1.14E-11	-283.555518	
0.75000	.000000	-292.042969	3.03E-10
3.78E-11	-1.86E-12	-270.615344	
1.00000	.000000	-284.578125	3.03E-10
3.78E-11	-1.51E-11	-258.001758	

COMB ULB06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.03E-10
3.78E-11	3.79E-11	-310.415625	
0.25000	.000000	-306.972656	3.03E-10
3.78E-11	2.46E-11	-296.822278	
0.50000	.000000	-299.507813	3.03E-10
3.78E-11	1.14E-11	-283.555518	
0.75000	.000000	-292.042969	3.03E-10
3.78E-11	-1.86E-12	-270.615344	
1.00000	.000000	-284.578125	3.03E-10
3.78E-11	-1.51E-11	-258.001758	

COMB ULB07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	

-6.56E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-6.56E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-6.56E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-6.56E-29 3.12E-14 -258.001758

COMB ULB07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.56E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.56E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.56E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.56E-29	3.12E-14	-258.001758	

COMB ULB08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.03E-10
3.78E-11	3.79E-11	-310.415625	
0.25000	.000000	-306.972656	3.03E-10
3.78E-11	2.46E-11	-296.822278	
0.50000	.000000	-299.507813	3.03E-10
3.78E-11	1.14E-11	-283.555518	
0.75000	.000000	-292.042969	3.03E-10
3.78E-11	-1.86E-12	-270.615344	
1.00000	.000000	-284.578125	3.03E-10
3.78E-11	-1.51E-11	-258.001758	

COMB ULB08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.03E-10
3.78E-11	3.79E-11	-310.415625	
0.25000	.000000	-306.972656	3.03E-10
3.78E-11	2.46E-11	-296.822278	
0.50000	.000000	-299.507813	3.03E-10
3.78E-11	1.14E-11	-283.555518	
0.75000	.000000	-292.042969	3.03E-10
3.78E-11	-1.86E-12	-270.615344	
1.00000	.000000	-284.578125	3.03E-10
3.78E-11	-1.51E-11	-258.001758	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.81E-14
-4.92E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-4.92E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-4.92E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-4.92E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-4.92E-29	3.12E-14	-258.001758	

COMB ULB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.81E-14
-4.92E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-4.92E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-4.92E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-4.92E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-4.92E-29	3.12E-14	-258.001758	

COMB ULB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-14.512500
4.09E-11	-14.326875	-298.476563	
0.25000	.000000	-295.166016	-14.167969
4.09E-11	-13.699490	-285.406036	
0.50000	.000000	-287.988281	-13.823437
4.09E-11	-13.087178	-272.649536	
0.75000	.000000	-280.810547	-13.478906
4.09E-11	-12.489939	-260.207062	
1.00000	.000000	-273.632813	-13.134375
4.09E-11	-11.907773	-248.078613	

COMB ULB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-14.512500
4.09E-11	-14.326875	-298.476563	
0.25000	.000000	-295.166016	-14.167969
4.09E-11	-13.699490	-285.406036	
0.50000	.000000	-287.988281	-13.823437
4.09E-11	-13.087178	-272.649536	
0.75000	.000000	-280.810547	-13.478906
4.09E-11	-12.489939	-260.207062	
1.00000	.000000	-273.632813	-13.134375
4.09E-11	-11.907773	-248.078613	

COMB ULB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-14.512500
4.55E-12	-14.326875	-298.476563	
0.25000	.000000	-295.166016	-14.167969
4.55E-12	-13.699490	-285.406036	
0.50000	.000000	-287.988281	-13.823438
4.55E-12	-13.087178	-272.649536	
0.75000	.000000	-280.810547	-13.478906
4.55E-12	-12.489939	-260.207062	
1.00000	.000000	-273.632813	-13.134375
4.55E-12	-11.907773	-248.078613	

COMB ULB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-14.512500
4.55E-12	-14.326875	-298.476563	
0.25000	.000000	-295.166016	-14.167969
4.55E-12	-13.699490	-285.406036	
0.50000	.000000	-287.988281	-13.823438
4.55E-12	-13.087178	-272.649536	
0.75000	.000000	-280.810547	-13.478906
4.55E-12	-12.489939	-260.207062	
1.00000	.000000	-273.632813	-13.134375
4.55E-12	-11.907773	-248.078613	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
3.87E-11	-7.163437	-298.476563	
0.25000	.000000	-295.166016	-7.083984
3.87E-11	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
3.87E-11	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
3.87E-11	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567187
3.87E-11	-5.953887	-248.078613	

COMB ULB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
3.87E-11	-7.163437	-298.476563	
0.25000	.000000	-295.166016	-7.083984
3.87E-11	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
3.87E-11	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
3.87E-11	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567187
3.87E-11	-5.953887	-248.078613	

COMB ULB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
2.27E-12	-7.163438	-298.476563	
0.25000	.000000	-295.166016	-7.083984
2.27E-12	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
2.27E-12	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
2.27E-12	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567188
2.27E-12	-5.953887	-248.078613	

COMB ULB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
2.27E-12	-7.163438	-298.476563	
0.25000	.000000	-295.166016	-7.083984
2.27E-12	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
2.27E-12	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
2.27E-12	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567188
2.27E-12	-5.953887	-248.078613	

COMB ULB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
3.87E-11	-7.163437	-298.476563	
0.25000	.000000	-295.166016	-7.083984
3.87E-11	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
3.87E-11	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
3.87E-11	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567187
3.87E-11	-5.953887	-248.078613	

COMB ULB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
3.87E-11	-7.163437	-298.476563	
0.25000	.000000	-295.166016	-7.083984
3.87E-11	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
3.87E-11	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
3.87E-11	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567187
3.87E-11	-5.953887	-248.078613	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
2.27E-12	-7.163438	-298.476563	
0.25000	.000000	-295.166016	-7.083984
2.27E-12	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
2.27E-12	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
2.27E-12	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567188
2.27E-12	-5.953887	-248.078613	

COMB ULB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-302.343750	-7.256250
2.27E-12	-7.163438	-298.476563	
0.25000	.000000	-295.166016	-7.083984
2.27E-12	-6.849745	-285.406036	
0.50000	.000000	-287.988281	-6.911719
2.27E-12	-6.543589	-272.649536	
0.75000	.000000	-280.810547	-6.739453
2.27E-12	-6.244969	-260.207062	
1.00000	.000000	-273.632813	-6.567188
2.27E-12	-5.953887	-248.078613	

COMB ULB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB ULB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB ULB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.56E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.56E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.56E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.56E-29	3.12E-14	-258.001758	

COMB ULB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.56E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.56E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.56E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.56E-29	3.12E-14	-258.001758	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-290.250000	-13.932000
4.37E-12	-13.753800	-286.537500	
0.25000	.000000	-283.359375	-13.601250
4.37E-12	-13.151510	-273.989795	
0.50000	.000000	-276.468750	-13.270500
4.37E-12	-12.563691	-261.743555	
0.75000	.000000	-269.578125	-12.939750
4.37E-12	-11.990341	-249.798779	
1.00000	.000000	-262.687500	-12.609000
4.37E-12	-11.431462	-238.155469	

COMB ULB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-290.250000	-13.932000
4.37E-12	-13.753800	-286.537500	
0.25000	.000000	-283.359375	-13.601250
4.37E-12	-13.151510	-273.989795	
0.50000	.000000	-276.468750	-13.270500
4.37E-12	-12.563691	-261.743555	
0.75000	.000000	-269.578125	-12.939750
4.37E-12	-11.990341	-249.798779	
1.00000	.000000	-262.687500	-12.609000
4.37E-12	-11.431462	-238.155469	

COMB UEB01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-241.875000	2.93E-14
-6.50E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.50E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.50E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.50E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.50E-29	2.40E-14	-198.462891	

COMB UEB01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-241.875000	2.93E-14
-6.50E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.50E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.50E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.50E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.50E-29	2.40E-14	-198.462891	

COMB UEB02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB UEB02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-15.093000
4.73E-12	-14.899950	-238.781250	
0.25000	.000000	-236.132813	-14.734688
4.73E-12	-14.247469	-228.324829	
0.50000	.000000	-230.390625	-14.376375
4.73E-12	-13.610665	-218.119629	
0.75000	.000000	-224.648438	-14.018063
4.73E-12	-12.989537	-208.165649	
1.00000	.000000	-218.906250	-13.659750
4.73E-12	-12.384084	-198.462891	

COMB UEB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-15.093000
4.73E-12	-14.899950	-238.781250	
0.25000	.000000	-236.132813	-14.734688
4.73E-12	-14.247469	-228.324829	
0.50000	.000000	-230.390625	-14.376375
4.73E-12	-13.610665	-218.119629	
0.75000	.000000	-224.648438	-14.018063
4.73E-12	-12.989537	-208.165649	
1.00000	.000000	-218.906250	-13.659750
4.73E-12	-12.384084	-198.462891	

COMB UEB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-7.546500
2.36E-12	-7.449975	-238.781250	
0.25000	.000000	-236.132813	-7.367344
2.36E-12	-7.123735	-228.324829	
0.50000	.000000	-230.390625	-7.188188
2.36E-12	-6.805332	-218.119629	
0.75000	.000000	-224.648438	-7.009031
2.36E-12	-6.494768	-208.165649	
1.00000	.000000	-218.906250	-6.829875
2.36E-12	-6.192042	-198.462891	

COMB UEB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-7.546500
2.36E-12	-7.449975	-238.781250	
0.25000	.000000	-236.132813	-7.367344
2.36E-12	-7.123735	-228.324829	
0.50000	.000000	-230.390625	-7.188188
2.36E-12	-6.805332	-218.119629	
0.75000	.000000	-224.648438	-7.009031
2.36E-12	-6.494768	-208.165649	
1.00000	.000000	-218.906250	-6.829875
2.36E-12	-6.192042	-198.462891	

COMB UEB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-7.546500
2.36E-12	-7.449975	-238.781250	
0.25000	.000000	-236.132813	-7.367344
2.36E-12	-7.123735	-228.324829	
0.50000	.000000	-230.390625	-7.188188
2.36E-12	-6.805332	-218.119629	
0.75000	.000000	-224.648438	-7.009031
2.36E-12	-6.494768	-208.165649	
1.00000	.000000	-218.906250	-6.829875
2.36E-12	-6.192042	-198.462891	

COMB UEB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	-7.546500
2.36E-12	-7.449975	-238.781250	
0.25000	.000000	-236.132813	-7.367344
2.36E-12	-7.123735	-228.324829	
0.50000	.000000	-230.390625	-7.188188
2.36E-12	-6.805332	-218.119629	
0.75000	.000000	-224.648438	-7.009031
2.36E-12	-6.494768	-208.165649	
1.00000	.000000	-218.906250	-6.829875
2.36E-12	-6.192042	-198.462891	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	3.03E-10
3.78E-11	3.79E-11	-238.781250	
0.25000	.000000	-236.132813	3.03E-10
3.78E-11	2.46E-11	-228.324829	
0.50000	.000000	-230.390625	3.03E-10
3.78E-11	1.14E-11	-218.119629	
0.75000	.000000	-224.648438	3.03E-10
3.78E-11	-1.87E-12	-208.165649	
1.00000	.000000	-218.906250	3.03E-10
3.78E-11	-1.51E-11	-198.462891	

COMB UEB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	3.03E-10
3.78E-11	3.79E-11	-238.781250	
0.25000	.000000	-236.132813	3.03E-10
3.78E-11	2.46E-11	-228.324829	
0.50000	.000000	-230.390625	3.03E-10
3.78E-11	1.14E-11	-218.119629	
0.75000	.000000	-224.648438	3.03E-10
3.78E-11	-1.87E-12	-208.165649	
1.00000	.000000	-218.906250	3.03E-10
3.78E-11	-1.51E-11	-198.462891	

COMB UEB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.43E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.43E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.43E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.43E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.43E-29	2.40E-14	-198.462891	

COMB UEB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.43E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.43E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.43E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.43E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.43E-29	2.40E-14	-198.462891	

COMB UEB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	3.03E-10
3.78E-11	3.79E-11	-238.781250	
0.25000	.000000	-236.132813	3.03E-10
3.78E-11	2.46E-11	-228.324829	
0.50000	.000000	-230.390625	3.03E-10
3.78E-11	1.14E-11	-218.119629	
0.75000	.000000	-224.648438	3.03E-10
3.78E-11	-1.87E-12	-208.165649	
1.00000	.000000	-218.906250	3.03E-10
3.78E-11	-1.51E-11	-198.462891	

COMB UEB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	3.03E-10
3.78E-11	3.79E-11	-238.781250	
0.25000	.000000	-236.132813	3.03E-10
3.78E-11	2.46E-11	-228.324829	
0.50000	.000000	-230.390625	3.03E-10
3.78E-11	1.14E-11	-218.119629	
0.75000	.000000	-224.648438	3.03E-10
3.78E-11	-1.87E-12	-208.165649	
1.00000	.000000	-218.906250	3.03E-10
3.78E-11	-1.51E-11	-198.462891	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB UEB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB UEB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-14.512500
4.09E-11	-14.326875	-226.842188	
0.25000	.000000	-224.326172	-14.167969
4.09E-11	-13.699490	-216.908588	
0.50000	.000000	-218.871094	-13.823437
4.09E-11	-13.087178	-207.213647	
0.75000	.000000	-213.416016	-13.478906
4.09E-11	-12.489939	-197.757367	
1.00000	.000000	-207.960938	-13.134375
4.09E-11	-11.907773	-188.539746	

COMB UEB10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-14.512500
4.09E-11	-14.326875	-226.842188	
0.25000	.000000	-224.326172	-14.167969
4.09E-11	-13.699490	-216.908588	
0.50000	.000000	-218.871094	-13.823437
4.09E-11	-13.087178	-207.213647	
0.75000	.000000	-213.416016	-13.478906
4.09E-11	-12.489939	-197.757367	
1.00000	.000000	-207.960938	-13.134375
4.09E-11	-11.907773	-188.539746	

COMB UEB11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-14.512500
4.55E-12	-14.326875	-226.842188	
0.25000	.000000	-224.326172	-14.167969
4.55E-12	-13.699490	-216.908588	
0.50000	.000000	-218.871094	-13.823438
4.55E-12	-13.087178	-207.213647	
0.75000	.000000	-213.416016	-13.478906
4.55E-12	-12.489939	-197.757367	
1.00000	.000000	-207.960938	-13.134375
4.55E-12	-11.907773	-188.539746	

COMB UEB11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-14.512500
4.55E-12	-14.326875	-226.842188	
0.25000	.000000	-224.326172	-14.167969
4.55E-12	-13.699490	-216.908588	
0.50000	.000000	-218.871094	-13.823438
4.55E-12	-13.087178	-207.213647	
0.75000	.000000	-213.416016	-13.478906
4.55E-12	-12.489939	-197.757367	
1.00000	.000000	-207.960938	-13.134375
4.55E-12	-11.907773	-188.539746	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
3.87E-11	-7.163437	-226.842188	
0.25000	.000000	-224.326172	-7.083984
3.87E-11	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
3.87E-11	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
3.87E-11	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567187
3.87E-11	-5.953887	-188.539746	

COMB UEB12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
3.87E-11	-7.163437	-226.842188	
0.25000	.000000	-224.326172	-7.083984
3.87E-11	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
3.87E-11	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
3.87E-11	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567187
3.87E-11	-5.953887	-188.539746	

COMB UEB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
2.27E-12	-7.163438	-226.842188	
0.25000	.000000	-224.326172	-7.083984
2.27E-12	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
2.27E-12	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
2.27E-12	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567188
2.27E-12	-5.953887	-188.539746	

COMB UEB13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
2.27E-12	-7.163438	-226.842188	
0.25000	.000000	-224.326172	-7.083984
2.27E-12	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
2.27E-12	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
2.27E-12	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567188
2.27E-12	-5.953887	-188.539746	

COMB UEB14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
3.87E-11	-7.163437	-226.842188	
0.25000	.000000	-224.326172	-7.083984
3.87E-11	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
3.87E-11	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
3.87E-11	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567187
3.87E-11	-5.953887	-188.539746	

COMB UEB14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
3.87E-11	-7.163437	-226.842188	
0.25000	.000000	-224.326172	-7.083984
3.87E-11	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
3.87E-11	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
3.87E-11	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567187
3.87E-11	-5.953887	-188.539746	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
2.27E-12	-7.163438	-226.842188	
0.25000	.000000	-224.326172	-7.083984
2.27E-12	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
2.27E-12	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
2.27E-12	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567188
2.27E-12	-5.953887	-188.539746	

COMB UEB15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-229.781250	-7.256250
2.27E-12	-7.163438	-226.842188	
0.25000	.000000	-224.326172	-7.083984
2.27E-12	-6.849745	-216.908588	
0.50000	.000000	-218.871094	-6.911719
2.27E-12	-6.543589	-207.213647	
0.75000	.000000	-213.416016	-6.739453
2.27E-12	-6.244969	-197.757367	
1.00000	.000000	-207.960938	-6.567188
2.27E-12	-5.953887	-188.539746	

COMB UEB16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB UEB16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB UEB17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.43E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.43E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.43E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.43E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.43E-29	2.40E-14	-198.462891	

COMB UEB17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.43E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.43E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.43E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.43E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.43E-29	2.40E-14	-198.462891	

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COMB UEB18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-217.687500	-13.932000
4.37E-12	-13.753800	-214.903125	
0.25000	.000000	-212.519531	-13.601250
4.37E-12	-13.151510	-205.492346	
0.50000	.000000	-207.351563	-13.270500
4.37E-12	-12.563691	-196.307666	
0.75000	.000000	-202.183594	-12.939750
4.37E-12	-11.990341	-187.349084	
1.00000	.000000	-197.015625	-12.609000
4.37E-12	-11.431462	-178.616602	

COMB UEB18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-217.687500	-13.932000
4.37E-12	-13.753800	-214.903125	
0.25000	.000000	-212.519531	-13.601250
4.37E-12	-13.151510	-205.492346	
0.50000	.000000	-207.351563	-13.270500
4.37E-12	-12.563691	-196.307666	
0.75000	.000000	-202.183594	-12.939750
4.37E-12	-11.990341	-187.349084	
1.00000	.000000	-197.015625	-12.609000
4.37E-12	-11.431462	-178.616602	

COMB SVO01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.05E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.05E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.05E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.05E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.05E-29	2.40E-14	-198.462891	

COMB SVO01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.05E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.05E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.05E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.05E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.05E-29	2.40E-14	-198.462891	

COMB SVO02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB SVO02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14

-5.68E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.68E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.68E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.68E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.68E-29 2.40E-14 -198.462891

COMB SVO03 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.68E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.68E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.68E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.68E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.68E-29 2.40E-14 -198.462891

COMB SVO04 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-6.07E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-6.07E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-6.07E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-6.07E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-6.07E-29 2.40E-14 -198.462891

COMB SVO04 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-6.07E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-6.07E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-6.07E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-6.07E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-6.07E-29 2.40E-14 -198.462891

COMB SVO05 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-4.81E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-4.81E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-4.81E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-4.81E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-4.81E-29 2.40E-14 -198.462891

COMB SVO05 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-4.81E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-4.81E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-4.81E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-4.81E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-4.81E-29 2.40E-14 -198.462891
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COMB SVO06 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.29E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.29E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.29E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.29E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.29E-29 2.40E-14 -198.462891

COMB SVO06 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.29E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.29E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.29E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.29E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.29E-29 2.40E-14 -198.462891

COMB SVO07 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.05E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.05E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.05E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.05E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.05E-29 2.40E-14 -198.462891

COMB SVO07 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.05E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.05E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.05E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.05E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.05E-29 2.40E-14 -198.462891

COMB SVO08 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-4.02E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-4.02E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-4.02E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-4.02E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-4.02E-29 2.40E-14 -198.462891

COMB SVO08 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-4.02E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-4.02E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-4.02E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-4.02E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-4.02E-29 2.40E-14 -198.462891
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COMB SVO09 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-3.79E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-3.79E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-3.79E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-3.79E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-3.79E-29 2.40E-14 -198.462891

COMB SVO09 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-3.79E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-3.79E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-3.79E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-3.79E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-3.79E-29 2.40E-14 -198.462891

COMB SVO10 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.92E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.92E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.92E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.92E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.92E-29 2.40E-14 -198.462891

COMB SVO10 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.92E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.92E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.92E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.92E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.92E-29 2.40E-14 -198.462891

COMB SVO11 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.68E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.68E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.68E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.68E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.68E-29 2.40E-14 -198.462891

COMB SVO11 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.68E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.68E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.68E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.68E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.68E-29 2.40E-14 -198.462891
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COMB SVO12 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-6.31E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-6.31E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-6.31E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-6.31E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-6.31E-29 2.40E-14 -198.462891

COMB SVO12 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-6.31E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-6.31E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-6.31E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-6.31E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-6.31E-29 2.40E-14 -198.462891

COMB SVO13 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-6.07E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-6.07E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-6.07E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-6.07E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-6.07E-29 2.40E-14 -198.462891

COMB SVO13 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-6.07E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-6.07E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-6.07E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-6.07E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-6.07E-29 2.40E-14 -198.462891

COMB SVO14 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.05E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.05E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.05E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.05E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.05E-29 2.40E-14 -198.462891

COMB SVO14 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-5.05E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-5.05E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-5.05E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-5.05E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-5.05E-29 2.40E-14 -198.462891
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO15 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-4.81E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-4.81E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-4.81E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-4.81E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-4.81E-29 2.40E-14 -198.462891

COMB SVO15 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -241.875000 2.93E-14
-4.81E-29 2.89E-14 -238.781250
0.25000 .000000 -236.132813 2.86E-14
-4.81E-29 2.77E-14 -228.324829
0.50000 .000000 -230.390625 2.79E-14
-4.81E-29 2.64E-14 -218.119629
0.75000 .000000 -224.648438 2.72E-14
-4.81E-29 2.52E-14 -208.165649
1.00000 .000000 -218.906250 2.65E-14
-4.81E-29 2.40E-14 -198.462891

COMB ULO01 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-7.64E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-7.64E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-7.64E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-7.64E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-7.64E-29 3.12E-14 -258.001758

COMB ULO01 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-7.64E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-7.64E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-7.64E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-7.64E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-7.64E-29 3.12E-14 -258.001758

COMB ULO02 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-4.92E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-4.92E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-4.92E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-4.92E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-4.92E-29 3.12E-14 -258.001758

COMB ULO02 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-4.92E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-4.92E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-4.92E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-4.92E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-4.92E-29 3.12E-14 -258.001758
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO03 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-7.38E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-7.38E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-7.38E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-7.38E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-7.38E-29 3.12E-14 -258.001758

COMB ULO03 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-7.38E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-7.38E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-7.38E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-7.38E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-7.38E-29 3.12E-14 -258.001758

COMB ULO04 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-7.90E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-7.90E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-7.90E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-7.90E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-7.90E-29 3.12E-14 -258.001758

COMB ULO04 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-7.90E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-7.90E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-7.90E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-7.90E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-7.90E-29 3.12E-14 -258.001758

COMB ULO05 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-6.26E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-6.26E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-6.26E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-6.26E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-6.26E-29 3.12E-14 -258.001758

COMB ULO05 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-6.26E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-6.26E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-6.26E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-6.26E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-6.26E-29 3.12E-14 -258.001758
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COMB ULO06 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -314.437500 3.81E-14
-6.87E-29 3.76E-14 -310.415625
0.25000 .000000 -306.972656 3.72E-14
-6.87E-29 3.59E-14 -296.822278
0.50000 .000000 -299.507813 3.63E-14
-6.87E-29 3.43E-14 -283.555518
0.75000 .000000 -292.042969 3.54E-14
-6.87E-29 3.28E-14 -270.615344
1.00000 .000000 -284.578125 3.45E-14
-6.87E-29 3.12E-14 -258.001758

COMB ULO06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-6.87E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.87E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.87E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.87E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.87E-29	3.12E-14	-258.001758	

COMB ULO07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.56E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.56E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.56E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.56E-29	3.12E-14	-258.001758	

COMB ULO07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.56E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.56E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.56E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.56E-29	3.12E-14	-258.001758	

COMB ULO08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-5.23E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-5.23E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-5.23E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-5.23E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-5.23E-29	3.12E-14	-258.001758	

COMB ULO08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-5.23E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-5.23E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-5.23E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-5.23E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-5.23E-29	3.12E-14	-258.001758	

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COMB ULO09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-4.92E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-4.92E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-4.92E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-4.92E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-4.92E-29	3.12E-14	-258.001758	

COMB ULO09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-4.92E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-4.92E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-4.92E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-4.92E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-4.92E-29	3.12E-14	-258.001758	

COMB ULO10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.40E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-7.40E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.40E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.40E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.40E-29	3.00E-14	-248.078613	

COMB ULO10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.40E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-7.40E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.40E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.40E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.40E-29	3.00E-14	-248.078613	

COMB ULO11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.10E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-7.10E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.10E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.10E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.10E-29	3.00E-14	-248.078613	

COMB ULO11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.10E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-7.10E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.10E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.10E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.10E-29	3.00E-14	-248.078613	

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COMB ULO12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.89E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-7.89E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.89E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.89E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.89E-29	3.00E-14	-248.078613	

COMB ULO12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.89E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-7.89E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.89E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.89E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.89E-29	3.00E-14	-248.078613	

COMB ULO13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.59E-29	3.61E-14	-298.476562	
0.25000	.000000	-295.166016	3.57E-14
-7.59E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.59E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.59E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.59E-29	3.00E-14	-248.078613	

COMB ULO13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-7.59E-29	3.61E-14	-298.476562	
0.25000	.000000	-295.166016	3.57E-14
-7.59E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-7.59E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-7.59E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-7.59E-29	3.00E-14	-248.078613	

COMB ULO14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-6.31E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-6.31E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-6.31E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-6.31E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-6.31E-29	3.00E-14	-248.078613	

COMB ULO14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-6.31E-29	3.61E-14	-298.476563	
0.25000	.000000	-295.166016	3.57E-14
-6.31E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-6.31E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-6.31E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-6.31E-29	3.00E-14	-248.078613	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-6.02E-29	3.61E-14	-298.476562	
0.25000	.000000	-295.166016	3.57E-14
-6.02E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-6.02E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-6.02E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-6.02E-29	3.00E-14	-248.078613	

COMB ULO15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-302.343750	3.66E-14
-6.02E-29	3.61E-14	-298.476562	
0.25000	.000000	-295.166016	3.57E-14
-6.02E-29	3.46E-14	-285.406036	
0.50000	.000000	-287.988281	3.49E-14
-6.02E-29	3.30E-14	-272.649536	
0.75000	.000000	-280.810547	3.40E-14
-6.02E-29	3.15E-14	-260.207062	
1.00000	.000000	-273.632813	3.31E-14
-6.02E-29	3.00E-14	-248.078613	

COMB ULO16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB ULO16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB ULO17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.56E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.56E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.56E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.56E-29	3.12E-14	-258.001758	

COMB ULO17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-314.437500	3.81E-14
-6.56E-29	3.76E-14	-310.415625	
0.25000	.000000	-306.972656	3.72E-14
-6.56E-29	3.59E-14	-296.822278	
0.50000	.000000	-299.507813	3.63E-14
-6.56E-29	3.43E-14	-283.555518	
0.75000	.000000	-292.042969	3.54E-14
-6.56E-29	3.28E-14	-270.615344	
1.00000	.000000	-284.578125	3.45E-14
-6.56E-29	3.12E-14	-258.001758	

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COMB ULO18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-290.250000	3.52E-14
-6.82E-29	3.47E-14	-286.537500	
0.25000	.000000	-283.359375	3.43E-14
-6.82E-29	3.32E-14	-273.989795	
0.50000	.000000	-276.468750	3.35E-14
-6.82E-29	3.17E-14	-261.743555	
0.75000	.000000	-269.578125	3.26E-14
-6.82E-29	3.03E-14	-249.798779	
1.00000	.000000	-262.687500	3.18E-14
-6.82E-29	2.88E-14	-238.155469	

COMB ULO18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-290.250000	3.52E-14
-6.82E-29	3.47E-14	-286.537500	
0.25000	.000000	-283.359375	3.43E-14
-6.82E-29	3.32E-14	-273.989795	
0.50000	.000000	-276.468750	3.35E-14
-6.82E-29	3.17E-14	-261.743555	
0.75000	.000000	-269.578125	3.26E-14
-6.82E-29	3.03E-14	-249.798779	
1.00000	.000000	-262.687500	3.18E-14
-6.82E-29	2.88E-14	-238.155469	

COMB UEO01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-6.50E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.50E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.50E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.50E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.50E-29	2.40E-14	-198.462891	

COMB UEO01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-6.50E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.50E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.50E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.50E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.50E-29	2.40E-14	-198.462891	

COMB UEO02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB UEO02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

COMB UEO02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-3.79E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-3.79E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-3.79E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-3.79E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-3.79E-29	2.40E-14	-198.462891	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-6.25E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.25E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.25E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.25E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.25E-29	2.40E-14	-198.462891	

COMB UEO03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-6.25E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.25E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.25E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.25E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.25E-29	2.40E-14	-198.462891	

COMB UEO04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-6.76E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.76E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.76E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.76E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.76E-29	2.40E-14	-198.462891	

COMB UEO04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-6.76E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-6.76E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-6.76E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-6.76E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-6.76E-29	2.40E-14	-198.462891	

COMB UEO05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.12E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.12E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.12E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.12E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.12E-29	2.40E-14	-198.462891	

COMB UEO05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.12E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.12E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.12E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.12E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.12E-29	2.40E-14	-198.462891	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.74E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.74E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.74E-29	2.64E-14	-218.119629	
0.75000	.000000	-224.648438	2.72E-14
-5.74E-29	2.52E-14	-208.165649	
1.00000	.000000	-218.906250	2.65E-14
-5.74E-29	2.40E-14	-198.462891	

COMB UEO06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-241.875000	2.93E-14
-5.74E-29	2.89E-14	-238.781250	
0.25000	.000000	-236.132813	2.86E-14
-5.74E-29	2.77E-14	-228.324829	
0.50000	.000000	-230.390625	2.79E-14
-5.74E-29	2.64E-14	-218.119629	

```
 0.75000      .000000  -224.648438      2.72E-14
-5.74E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-5.74E-29     2.40E-14  -198.462891

 COMB    UEO07 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-5.43E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-5.43E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-5.43E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-5.43E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-5.43E-29     2.40E-14  -198.462891

 COMB    UEO07 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-5.43E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-5.43E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-5.43E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-5.43E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-5.43E-29     2.40E-14  -198.462891

 COMB    UEO08 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-4.09E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-4.09E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-4.09E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-4.09E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-4.09E-29     2.40E-14  -198.462891

 COMB    UEO08 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-4.09E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-4.09E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-4.09E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-4.09E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-4.09E-29     2.40E-14  -198.462891
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L    F O R C E S

 COMB    UEO09 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-3.79E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-3.79E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-3.79E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-3.79E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-3.79E-29     2.40E-14  -198.462891

 COMB    UEO09 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-3.79E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-3.79E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-3.79E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-3.79E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-3.79E-29     2.40E-14  -198.462891

 COMB    UEO10 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-6.26E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-6.26E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-6.26E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-6.26E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-6.26E-29     2.28E-14  -188.539746

 COMB    UEO10 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-6.26E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-6.26E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-6.26E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-6.26E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-6.26E-29     2.28E-14  -188.539746

 COMB    UEO11 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-5.96E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-5.96E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-5.96E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-5.96E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-5.96E-29     2.28E-14  -188.539746

 COMB    UEO11 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-5.96E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-5.96E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-5.96E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-5.96E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-5.96E-29     2.28E-14  -188.539746
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 COMB    UEO12 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-6.75E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-6.75E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-6.75E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-6.75E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-6.75E-29     2.28E-14  -188.539746

 COMB    UEO12 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-6.75E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-6.75E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-6.75E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-6.75E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-6.75E-29     2.28E-14  -188.539746

 COMB    UEO13 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-6.46E-29     2.75E-14  -226.842187
 0.25000      .000000  -224.326172      2.72E-14
-6.46E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-6.46E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-6.46E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-6.46E-29     2.28E-14  -188.539746

 COMB    UEO13 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-6.46E-29     2.75E-14  -226.842187
 0.25000      .000000  -224.326172      2.72E-14
-6.46E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-6.46E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-6.46E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-6.46E-29     2.28E-14  -188.539746

 COMB    UEO14 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-5.18E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-5.18E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-5.18E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-5.18E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-5.18E-29     2.28E-14  -188.539746

 COMB    UEO14 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-5.18E-29     2.75E-14  -226.842188
 0.25000      .000000  -224.326172      2.72E-14
-5.18E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-5.18E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-5.18E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-5.18E-29     2.28E-14  -188.539746
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 COMB    UEO15 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-4.88E-29     2.75E-14  -226.842187
 0.25000      .000000  -224.326172      2.72E-14
-4.88E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-4.88E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-4.88E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-4.88E-29     2.28E-14  -188.539746

 COMB    UEO15 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -229.781250      2.78E-14
-4.88E-29     2.75E-14  -226.842187
 0.25000      .000000  -224.326172      2.72E-14
-4.88E-29     2.63E-14  -216.908588
 0.50000      .000000  -218.871094      2.65E-14
-4.88E-29     2.51E-14  -207.213647
 0.75000      .000000  -213.416016      2.58E-14
-4.88E-29     2.39E-14  -197.757367
 1.00000      .000000  -207.960938      2.52E-14
-4.88E-29     2.28E-14  -188.539746

 COMB    UEO16 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-3.79E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-3.79E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-3.79E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-3.79E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-3.79E-29     2.40E-14  -198.462891

 COMB    UEO16 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-3.79E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-3.79E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-3.79E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-3.79E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-3.79E-29     2.40E-14  -198.462891

 COMB    UEO17 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-5.43E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-5.43E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-5.43E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-5.43E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-5.43E-29     2.40E-14  -198.462891

 COMB    UEO17 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-5.43E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-5.43E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-5.43E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-5.43E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-5.43E-29     2.40E-14  -198.462891
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 COMB    UEO18 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -217.687500      2.64E-14
-5.68E-29     2.60E-14  -214.903125
 0.25000      .000000  -212.519531      2.57E-14
-5.68E-29     2.49E-14  -205.492346
 0.50000      .000000  -207.351563      2.51E-14
-5.68E-29     2.38E-14  -196.307666
 0.75000      .000000  -202.183594      2.45E-14
-5.68E-29     2.27E-14  -187.349084
 1.00000      .000000  -197.015625      2.39E-14
-5.68E-29     2.16E-14  -178.616602

 COMB    UEO18 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -217.687500      2.64E-14
-5.68E-29     2.60E-14  -214.903125
 0.25000      .000000  -212.519531      2.57E-14
-5.68E-29     2.49E-14  -205.492346
 0.50000      .000000  -207.351563      2.51E-14
-5.68E-29     2.38E-14  -196.307666
 0.75000      .000000  -202.183594      2.45E-14
-5.68E-29     2.27E-14  -187.349084
 1.00000      .000000  -197.015625      2.39E-14
-5.68E-29     2.16E-14  -178.616602

 COMB ENVBULT ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -314.437500      3.81E-14
-7.64E-29     3.76E-14  -310.415625
 0.25000      .000000  -306.972656      3.72E-14
-7.64E-29     3.59E-14  -296.822278
 0.50000      .000000  -299.507813      3.63E-14
-7.64E-29     3.43E-14  -283.555518
 0.75000      .000000  -292.042969      3.54E-14
-7.64E-29     3.28E-14  -270.615344
 1.00000      .000000  -284.578125      3.45E-14
-7.64E-29     3.12E-14  -258.001758

 COMB ENVBULT ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -314.437500      3.81E-14
-7.64E-29     3.76E-14  -310.415625
 0.25000      .000000  -306.972656      3.72E-14
-7.64E-29     3.59E-14  -296.822278
 0.50000      .000000  -299.507813      3.63E-14
-7.64E-29     3.43E-14  -283.555518
 0.75000      .000000  -292.042969      3.54E-14
-7.64E-29     3.28E-14  -270.615344
 1.00000      .000000  -284.578125      3.45E-14
-7.64E-29     3.12E-14  -258.001758

 COMB ENVBECC ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-3.79E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-3.79E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-3.79E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-3.79E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-3.79E-29     2.40E-14  -198.462891

 COMB ENVBECC ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-6.50E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-6.50E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-6.50E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-6.50E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-6.50E-29     2.40E-14  -198.462891
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 COMB ENVOULT ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -314.437500      3.81E-14
-7.64E-29     3.76E-14  -310.415625
 0.25000      .000000  -306.972656      3.72E-14
-7.64E-29     3.59E-14  -296.822278
 0.50000      .000000  -299.507813      3.63E-14
-7.64E-29     3.43E-14  -283.555518
 0.75000      .000000  -292.042969      3.54E-14
-7.64E-29     3.28E-14  -270.615344
 1.00000      .000000  -284.578125      3.45E-14
-7.64E-29     3.12E-14  -258.001758

 COMB ENVOULT ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -314.437500      3.81E-14
-7.64E-29     3.76E-14  -310.415625
 0.25000      .000000  -306.972656      3.72E-14
-7.64E-29     3.59E-14  -296.822278
 0.50000      .000000  -299.507813      3.63E-14
-7.64E-29     3.43E-14  -283.555518
 0.75000      .000000  -292.042969      3.54E-14
-7.64E-29     3.28E-14  -270.615344
 1.00000      .000000  -284.578125      3.45E-14
-7.64E-29     3.12E-14  -258.001758

 COMB ENVOECC ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-3.79E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-3.79E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-3.79E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-3.79E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-3.79E-29     2.40E-14  -198.462891

 COMB ENVOECC ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -241.875000      2.93E-14
-6.50E-29     2.89E-14  -238.781250
 0.25000      .000000  -236.132813      2.86E-14
-6.50E-29     2.77E-14  -228.324829
 0.50000      .000000  -230.390625      2.79E-14
-6.50E-29     2.64E-14  -218.119629
 0.75000      .000000  -224.648438      2.72E-14
-6.50E-29     2.52E-14  -208.165649
 1.00000      .000000  -218.906250      2.65E-14
-6.50E-29     2.40E-14  -198.462891

 ELEM       15 ================== LENGTH =
0.125000

 LOAD       D ------------------

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000  -218.906250      2.65E-14
-1.26E-29     2.40E-14  -198.462891
 0.25000      .000000  -214.804688      2.60E-14
-1.26E-29     2.32E-14  -191.686157
 0.50000      .000000  -210.703125      2.55E-14
-1.26E-29     2.24E-14  -185.037598
 0.75000      .000000  -206.601563      2.50E-14
-1.26E-29     2.16E-14  -178.517212
 1.00000      .000000  -202.500000      2.45E-14
-1.26E-29     2.08E-14  -172.125000

 LOAD       L1 ------------------

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000    -1.46E-11     1.62E-27
-6.31E-30     .000000     3.64E-12
 0.25000      .000000    -1.46E-11     1.62E-27
-6.31E-30    -5.05E-29    4.09E-12
 0.50000      .000000    -1.46E-11     1.62E-27
-6.31E-30    -1.01E-28    4.55E-12
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 REL DIST          P          V2          V3
        T         M2          M3
 0.75000      .000000    -1.46E-11     1.62E-27
-6.31E-30    -1.51E-28    5.00E-12
 1.00000      .000000    -1.46E-11     1.62E-27
-6.31E-30    -2.02E-28    5.46E-12

 LOAD       W-LO ------------------

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    -6.31E-30    -1.27E-15   -10.507500
 .000000    -9.526219    -1.15E-15
 0.25000    -6.31E-30    -1.25E-15   -10.310625
 .000000    -9.200936    -1.11E-15
 0.50000    -6.31E-30    -1.22E-15   -10.113750
 .000000    -8.881805    -1.08E-15
 0.75000    -6.31E-30    -1.20E-15    -9.916875
 .000000    -8.568826    -1.04E-15
 1.00000    -6.31E-30    -1.18E-15    -9.720000
 .000000    -8.262000    -1.00E-15

 LOAD       G-LO2 ------------------

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000      .000000     .000000      .000000
-2.91E-11     1.46E-11    3.23E-27
 0.25000      .000000     .000000      .000000
-2.91E-11     1.46E-11    3.23E-27
 0.50000      .000000     .000000      .000000
-2.91E-11     1.46E-11    3.23E-27
 0.75000      .000000     .000000      .000000
-2.91E-11     1.46E-11    3.23E-27
 1.00000      .000000     .000000      .000000
-2.91E-11     1.46E-11    3.23E-27
```

LOAD E-LO ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD W-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	-3.23E-27
.000000	1.62E-27	.000000	
0.25000	.000000	.000000	-3.23E-27
.000000	1.72E-27	.000000	
0.50000	.000000	.000000	-3.23E-27
.000000	1.82E-27	.000000	
0.75000	.000000	.000000	-3.23E-27
.000000	1.92E-27	.000000	
1.00000	.000000	.000000	-3.23E-27
.000000	2.02E-27	.000000	

LOAD WL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-2.91E-11	.000000	.000000
.000000	.000000	1.82E-12	
0.25000	-2.91E-11	.000000	.000000
.000000	.000000	1.82E-12	
0.50000	-2.91E-11	.000000	.000000
.000000	.000000	1.82E-12	
0.75000	-2.91E-11	.000000	.000000
.000000	.000000	1.82E-12	
1.00000	-2.91E-11	.000000	.000000
.000000	.000000	1.82E-12	

LOAD G-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	-4.04E-28
1.58E-30	2.02E-28	1.82E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	.000000	.000000	-4.04E-28
1.58E-30	2.15E-28	1.82E-12	
0.50000	.000000	.000000	-4.04E-28
1.58E-30	2.27E-28	1.82E-12	
0.75000	.000000	.000000	-4.04E-28
1.58E-30	2.40E-28	1.82E-12	
1.00000	.000000	.000000	-4.04E-28
1.58E-30	2.52E-28	1.82E-12	

LOAD E-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	.000000
.000000	.000000	.000000	
0.25000	.000000	.000000	.000000
.000000	.000000	.000000	
0.50000	.000000	.000000	.000000
.000000	.000000	.000000	
0.75000	.000000	.000000	.000000
.000000	.000000	.000000	
1.00000	.000000	.000000	.000000
.000000	.000000	.000000	

LOAD Q1-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	7.89E-31
.000000	7.89E-31	.000000	
0.25000	.000000	.000000	7.89E-31
.000000	7.64E-31	.000000	
0.50000	.000000	.000000	7.89E-31
.000000	7.40E-31	.000000	
0.75000	.000000	.000000	7.89E-31
.000000	7.15E-31	.000000	
1.00000	.000000	.000000	7.89E-31
.000000	6.90E-31	.000000	

LOAD COL-TR ----------

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	.000000	-6.31E-30
1.23E-32	.000000	.000000	
0.25000	.000000	.000000	-6.31E-30
1.23E-32	1.97E-31	.000000	
0.50000	.000000	.000000	-6.31E-30
1.23E-32	3.94E-31	.000000	
0.75000	.000000	.000000	-6.31E-30
1.23E-32	5.92E-31	.000000	
1.00000	.000000	.000000	-6.31E-30
1.23E-32	7.89E-31	.000000	

COMB SVB01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.89E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.89E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.89E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.89E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.89E-29	2.08E-14	-172.125000	

COMB SVB01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.89E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.89E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.89E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.89E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.89E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB SVB02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB SVB03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-6.31E-30	-218.906250	-10.507500
-1.26E-29	-9.526219	-198.462891	
0.25000	-6.31E-30	-214.804688	-10.310625
-1.26E-29	-9.200936	-191.686157	
0.50000	-6.31E-30	-210.703125	-10.113750
-1.26E-29	-8.881805	-185.037598	
0.75000	-6.31E-30	-206.601563	-9.916875
-1.26E-29	-8.568826	-178.517212	
1.00000	-6.31E-30	-202.500000	-9.720000
-1.26E-29	-8.262000	-172.125000	

COMB SVB03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-6.31E-30	-218.906250	-10.507500
-1.26E-29	-9.526219	-198.462891	
0.25000	-6.31E-30	-214.804688	-10.310625
-1.26E-29	-9.200936	-191.686157	
0.50000	-6.31E-30	-210.703125	-10.113750
-1.26E-29	-8.881805	-185.037598	
0.75000	-6.31E-30	-206.601563	-9.916875
-1.26E-29	-8.568826	-178.517212	
1.00000	-6.31E-30	-202.500000	-9.720000
-1.26E-29	-8.262000	-172.125000	

COMB SVB04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.89E-29	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-1.89E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.89E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.89E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.89E-29	-4.131000	-172.125000	

COMB SVB04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.89E-29	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-1.89E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.89E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.89E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.89E-29	-4.131000	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.26E-29	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-1.26E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.26E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.26E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.26E-29	-4.131000	-172.125000	

COMB SVB05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.26E-29	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-1.26E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.26E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.26E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.26E-29	-4.131000	-172.125000	

COMB SVB06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-2.91E-11	1.46E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.91E-11	1.46E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.91E-11	1.46E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.91E-11	1.46E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.91E-11	1.46E-11	-172.125000	

COMB SVB06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-2.91E-11	1.46E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.91E-11	1.46E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.91E-11	1.46E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.91E-11	1.46E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.91E-11	1.46E-11	-172.125000	

COMB SVB07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.89E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.89E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.89E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.89E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.89E-29	2.08E-14	-172.125000	

COMB SVB07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.89E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.89E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.89E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.89E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.89E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-2.91E-11	1.46E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.91E-11	1.46E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.91E-11	1.46E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.91E-11	1.46E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.91E-11	1.46E-11	-172.125000	

COMB SVB08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-2.91E-11	1.46E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.91E-11	1.46E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.91E-11	1.46E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.91E-11	1.46E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.91E-11	1.46E-11	-172.125000	

COMB SVB09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB SVB09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB SVB10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-6.31E-30	-218.906250	-10.507500
-2.91E-11	-9.526219	-198.462891	
0.25000	-6.31E-30	-214.804688	-10.310625
-2.91E-11	-9.200936	-191.686157	
0.50000	-6.31E-30	-210.703125	-10.113750
-2.91E-11	-8.881805	-185.037598	
0.75000	-6.31E-30	-206.601563	-9.916875
-2.91E-11	-8.568826	-178.517212	
1.00000	-6.31E-30	-202.500000	-9.720000
-2.91E-11	-8.262000	-172.125000	

COMB SVB10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-6.31E-30	-218.906250	-10.507500
-2.91E-11	-9.526219	-198.462891	
0.25000	-6.31E-30	-214.804688	-10.310625
-2.91E-11	-9.200936	-191.686157	
0.50000	-6.31E-30	-210.703125	-10.113750
-2.91E-11	-8.881805	-185.037598	
0.75000	-6.31E-30	-206.601563	-9.916875
-2.91E-11	-8.568826	-178.517212	
1.00000	-6.31E-30	-202.500000	-9.720000
-2.91E-11	-8.262000	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-6.31E-30	-218.906250	-10.507500
-1.26E-29	-9.526219	-198.462891	
0.25000	-6.31E-30	-214.804688	-10.310625
-1.26E-29	-9.200936	-191.686157	
0.50000	-6.31E-30	-210.703125	-10.113750
-1.26E-29	-8.881805	-185.037598	
0.75000	-6.31E-30	-206.601563	-9.916875
-1.26E-29	-8.568826	-178.517212	
1.00000	-6.31E-30	-202.500000	-9.720000
-1.26E-29	-8.262000	-172.125000	

COMB SVB11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-6.31E-30	-218.906250	-10.507500
-1.26E-29	-9.526219	-198.462891	
0.25000	-6.31E-30	-214.804688	-10.310625
-1.26E-29	-9.200936	-191.686157	
0.50000	-6.31E-30	-210.703125	-10.113750
-1.26E-29	-8.881805	-185.037598	
0.75000	-6.31E-30	-206.601563	-9.916875
-1.26E-29	-8.568826	-178.517212	
1.00000	-6.31E-30	-202.500000	-9.720000
-1.26E-29	-8.262000	-172.125000	

COMB SVB12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-2.91E-11	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-2.91E-11	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-2.91E-11	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-2.91E-11	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-2.91E-11	-4.131000	-172.125000	

COMB SVB12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-2.91E-11	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-2.91E-11	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-2.91E-11	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-2.91E-11	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-2.91E-11	-4.131000	-172.125000	

COMB SVB13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.89E-29	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-1.89E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.89E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.89E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.89E-29	-4.131000	-172.125000	

COMB SVB13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.89E-29	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-1.89E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.89E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.89E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.89E-29	-4.131000	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-2.91E-11	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-2.91E-11	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-2.91E-11	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-2.91E-11	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-2.91E-11	-4.131000	-172.125000	

COMB SVB14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-2.91E-11	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-2.91E-11	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-2.91E-11	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-2.91E-11	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-2.91E-11	-4.131000	-172.125000	

COMB SVB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.26E-29	-4.763109	-198.462891	
0.25000	-3.16E-30	-214.804688	-5.155312
-1.26E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.26E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.26E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.26E-29	-4.131000	-172.125000	

COMB SVB15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-3.16E-30	-218.906250	-5.253750
-1.26E-29	-4.763109	-198.462891	

0.25000	-3.16E-30	-214.804688	-5.155312
-1.26E-29	-4.600468	-191.686157	
0.50000	-3.16E-30	-210.703125	-5.056875
-1.26E-29	-4.440902	-185.037598	
0.75000	-3.16E-30	-206.601563	-4.958437
-1.26E-29	-4.284413	-178.517212	
1.00000	-3.16E-30	-202.500000	-4.860000
-1.26E-29	-4.131000	-172.125000	

COMB ULB01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.00E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.00E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.00E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.00E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.00E-29	2.71E-14	-223.762500	

COMB ULB01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.00E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.00E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.00E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.00E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.00E-29	2.71E-14	-223.762500	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULB02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULB03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.20E-30	-284.578125	-13.659750
-1.64E-29	-12.384084	-258.001758	
0.25000	-8.20E-30	-279.246094	-13.403812
-1.64E-29	-11.961216	-249.192004	
0.50000	-8.20E-30	-273.914063	-13.147875
-1.64E-29	-11.546346	-240.548877	
0.75000	-8.20E-30	-268.582031	-12.891937
-1.64E-29	-11.139474	-232.072375	
1.00000	-8.20E-30	-263.250000	-12.636000
-1.64E-29	-10.740600	-223.762500	

COMB ULB03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.20E-30	-284.578125	-13.659750
-1.64E-29	-12.384084	-258.001758	
0.25000	-8.20E-30	-279.246094	-13.403812
-1.64E-29	-11.961216	-249.192004	
0.50000	-8.20E-30	-273.914063	-13.147875
-1.64E-29	-11.546346	-240.548877	
0.75000	-8.20E-30	-268.582031	-12.891937
-1.64E-29	-11.139474	-232.072375	
1.00000	-8.20E-30	-263.250000	-12.636000
-1.64E-29	-10.740600	-223.762500	

COMB ULB04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-284.578125	-6.829875
-2.46E-29	-6.192042	-258.001758	
0.25000	-4.10E-30	-279.246094	-6.701906
-2.46E-29	-5.980608	-249.192004	
0.50000	-4.10E-30	-273.914063	-6.573937
-2.46E-29	-5.773173	-240.548877	
0.75000	-4.10E-30	-268.582031	-6.445969
-2.46E-29	-5.569737	-232.072375	
1.00000	-4.10E-30	-263.250000	-6.318000
-2.46E-29	-5.370300	-223.762500	

COMB ULB04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-284.578125	-6.829875
-2.46E-29	-6.192042	-258.001758	
0.25000	-4.10E-30	-279.246094	-6.701906
-2.46E-29	-5.980608	-249.192004	
0.50000	-4.10E-30	-273.914063	-6.573937
-2.46E-29	-5.773173	-240.548877	
0.75000	-4.10E-30	-268.582031	-6.445969
-2.46E-29	-5.569737	-232.072375	
1.00000	-4.10E-30	-263.250000	-6.318000
-2.46E-29	-5.370300	-223.762500	

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COMB ULB05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-284.578125	-6.829875
-1.64E-29	-6.192042	-258.001758	
0.25000	-4.10E-30	-279.246094	-6.701906
-1.64E-29	-5.980608	-249.192004	
0.50000	-4.10E-30	-273.914063	-6.573937
-1.64E-29	-5.773173	-240.548877	
0.75000	-4.10E-30	-268.582031	-6.445969
-1.64E-29	-5.569737	-232.072375	
1.00000	-4.10E-30	-263.250000	-6.318000
-1.64E-29	-5.370300	-223.762500	

COMB ULB05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-284.578125	-6.829875
-1.64E-29	-6.192042	-258.001758	
0.25000	-4.10E-30	-279.246094	-6.701906
-1.64E-29	-5.980608	-249.192004	
0.50000	-4.10E-30	-273.914063	-6.573937
-1.64E-29	-5.773173	-240.548877	
0.75000	-4.10E-30	-268.582031	-6.445969
-1.64E-29	-5.569737	-232.072375	
1.00000	-4.10E-30	-263.250000	-6.318000
-1.64E-29	-5.370300	-223.762500	

COMB ULB06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.78E-11	1.89E-11	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.78E-11	1.89E-11	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.78E-11	1.89E-11	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.78E-11	1.89E-11	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.78E-11	1.89E-11	-223.762500	

COMB ULB06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.78E-11	1.89E-11	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.78E-11	1.89E-11	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.78E-11	1.89E-11	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.78E-11	1.89E-11	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.78E-11	1.89E-11	-223.762500	

COMB ULB07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

COMB ULB07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.78E-11	1.89E-11	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.78E-11	1.89E-11	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.78E-11	1.89E-11	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.78E-11	1.89E-11	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.78E-11	1.89E-11	-223.762500	

COMB ULB08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.78E-11	1.89E-11	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.78E-11	1.89E-11	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.78E-11	1.89E-11	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.78E-11	1.89E-11	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.78E-11	1.89E-11	-223.762500	

COMB ULB09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULB09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULB10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-273.632813	-13.134375
-3.64E-11	-11.907773	-248.078613	
0.25000	-7.89E-30	-268.505859	-12.888281
-3.64E-11	-11.501169	-239.607697	
0.50000	-7.89E-30	-263.378906	-12.642187
-3.64E-11	-11.102256	-231.296997	
0.75000	-7.89E-30	-258.251953	-12.396094
-3.64E-11	-10.711033	-223.146515	
1.00000	-7.89E-30	-253.125000	-12.150000
-3.64E-11	-10.327500	-215.156250	

COMB ULB10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-273.632813	-13.134375
-3.64E-11	-11.907773	-248.078613	
0.25000	-7.89E-30	-268.505859	-12.888281
-3.64E-11	-11.501169	-239.607697	
0.50000	-7.89E-30	-263.378906	-12.642187
-3.64E-11	-11.102256	-231.296997	
0.75000	-7.89E-30	-258.251953	-12.396094
-3.64E-11	-10.711033	-223.146515	
1.00000	-7.89E-30	-253.125000	-12.150000
-3.64E-11	-10.327500	-215.156250	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-273.632813	-13.134375
-1.58E-29	-11.907773	-248.078613	
0.25000	-7.89E-30	-268.505859	-12.888281
-1.58E-29	-11.501169	-239.607697	
0.50000	-7.89E-30	-263.378906	-12.642187
-1.58E-29	-11.102256	-231.296997	
0.75000	-7.89E-30	-258.251953	-12.396094
-1.58E-29	-10.711033	-223.146515	
1.00000	-7.89E-30	-253.125000	-12.150000
-1.58E-29	-10.327500	-215.156250	

COMB ULB11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-273.632813	-13.134375
-1.58E-29	-11.907773	-248.078613	
0.25000	-7.89E-30	-268.505859	-12.888281
-1.58E-29	-11.501169	-239.607697	
0.50000	-7.89E-30	-263.378906	-12.642187
-1.58E-29	-11.102256	-231.296997	
0.75000	-7.89E-30	-258.251953	-12.396094
-1.58E-29	-10.711033	-223.146515	
1.00000	-7.89E-30	-253.125000	-12.150000
-1.58E-29	-10.327500	-215.156250	

COMB ULB12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-3.64E-11	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-3.64E-11	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-3.64E-11	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-3.64E-11	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-3.64E-11	-5.163750	-215.156250	

COMB ULB12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-3.64E-11	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-3.64E-11	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-3.64E-11	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-3.64E-11	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-3.64E-11	-5.163750	-215.156250	

COMB ULB13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-2.37E-29	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-2.37E-29	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-2.37E-29	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-2.37E-29	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-2.37E-29	-5.163750	-215.156250	

COMB ULB13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-2.37E-29	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-2.37E-29	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-2.37E-29	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-2.37E-29	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-2.37E-29	-5.163750	-215.156250	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-3.64E-11	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-3.64E-11	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-3.64E-11	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-3.64E-11	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-3.64E-11	-5.163750	-215.156250	

COMB ULB14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-3.64E-11	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-3.64E-11	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-3.64E-11	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-3.64E-11	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-3.64E-11	-5.163750	-215.156250	

COMB ULB15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-1.58E-29	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-1.58E-29	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-1.58E-29	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-1.58E-29	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-1.58E-29	-5.163750	-215.156250	

COMB ULB15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-273.632813	-6.567187
-1.58E-29	-5.953887	-248.078613	
0.25000	-3.94E-30	-268.505859	-6.444141
-1.58E-29	-5.750585	-239.607697	
0.50000	-3.94E-30	-263.378906	-6.321094
-1.58E-29	-5.551128	-231.296997	
0.75000	-3.94E-30	-258.251953	-6.198047
-1.58E-29	-5.355516	-223.146515	
1.00000	-3.94E-30	-253.125000	-6.075000
-1.58E-29	-5.163750	-215.156250	

COMB ULB16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB ULB16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

COMB ULB17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

COMB ULB18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.57E-30	-262.687500	-12.609000
-1.51E-29	-11.431462	-238.155469	
0.25000	-7.57E-30	-257.765625	-12.372750
-1.51E-29	-11.041123	-230.023389	
0.50000	-7.57E-30	-252.843750	-12.136500
-1.51E-29	-10.658166	-222.045117	
0.75000	-7.57E-30	-247.921875	-11.900250
-1.51E-29	-10.282591	-214.220654	
1.00000	-7.57E-30	-243.000000	-11.664000
-1.51E-29	-9.914400	-206.550000	

COMB ULB18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.57E-30	-262.687500	-12.609000
-1.51E-29	-11.431462	-238.155469	
0.25000	-7.57E-30	-257.765625	-12.372750
-1.51E-29	-11.041123	-230.023389	
0.50000	-7.57E-30	-252.843750	-12.136500
-1.51E-29	-10.658166	-222.045117	
0.75000	-7.57E-30	-247.921875	-11.900250
-1.51E-29	-10.282591	-214.220654	
1.00000	-7.57E-30	-243.000000	-11.664000
-1.51E-29	-9.914400	-206.550000	

COMB UEB01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.62E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.62E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.62E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.62E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.62E-29	2.08E-14	-172.125000	

COMB UEB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.62E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.62E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.62E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.62E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.62E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.20E-30	-218.906250	-13.659750
-1.26E-29	-12.384084	-198.462891	
0.25000	-8.20E-30	-214.804688	-13.403812
-1.26E-29	-11.961216	-191.686157	
0.50000	-8.20E-30	-210.703125	-13.147875
-1.26E-29	-11.546346	-185.037598	
0.75000	-8.20E-30	-206.601563	-12.891937
-1.26E-29	-11.139474	-178.517212	
1.00000	-8.20E-30	-202.500000	-12.636000
-1.26E-29	-10.740600	-172.125000	

COMB UEB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.20E-30	-218.906250	-13.659750
-1.26E-29	-12.384084	-198.462891	
0.25000	-8.20E-30	-214.804688	-13.403812
-1.26E-29	-11.961216	-191.686157	
0.50000	-8.20E-30	-210.703125	-13.147875
-1.26E-29	-11.546346	-185.037598	
0.75000	-8.20E-30	-206.601563	-12.891937
-1.26E-29	-11.139474	-178.517212	
1.00000	-8.20E-30	-202.500000	-12.636000
-1.26E-29	-10.740600	-172.125000	

COMB UEB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-218.906250	-6.829875
-2.08E-29	-6.192042	-198.462891	
0.25000	-4.10E-30	-214.804688	-6.701906
-2.08E-29	-5.980608	-191.686157	
0.50000	-4.10E-30	-210.703125	-6.573937
-2.08E-29	-5.773173	-185.037598	
0.75000	-4.10E-30	-206.601563	-6.445969
-2.08E-29	-5.569737	-178.517212	
1.00000	-4.10E-30	-202.500000	-6.318000
-2.08E-29	-5.370300	-172.125000	

COMB UEB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-218.906250	-6.829875
-2.08E-29	-6.192042	-198.462891	
0.25000	-4.10E-30	-214.804688	-6.701906
-2.08E-29	-5.980608	-191.686157	
0.50000	-4.10E-30	-210.703125	-6.573937
-2.08E-29	-5.773173	-185.037598	
0.75000	-4.10E-30	-206.601563	-6.445969
-2.08E-29	-5.569737	-178.517212	
1.00000	-4.10E-30	-202.500000	-6.318000
-2.08E-29	-5.370300	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-218.906250	-6.829875
-1.26E-29	-6.192042	-198.462891	
0.25000	-4.10E-30	-214.804688	-6.701906
-1.26E-29	-5.980608	-191.686157	
0.50000	-4.10E-30	-210.703125	-6.573937
-1.26E-29	-5.773173	-185.037598	
0.75000	-4.10E-30	-206.601563	-6.445969
-1.26E-29	-5.569737	-178.517212	
1.00000	-4.10E-30	-202.500000	-6.318000
-1.26E-29	-5.370300	-172.125000	

COMB UEB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.10E-30	-218.906250	-6.829875
-1.26E-29	-6.192042	-198.462891	
0.25000	-4.10E-30	-214.804688	-6.701906
-1.26E-29	-5.980608	-191.686157	
0.50000	-4.10E-30	-210.703125	-6.573937
-1.26E-29	-5.773173	-185.037598	
0.75000	-4.10E-30	-206.601563	-6.445969
-1.26E-29	-5.569737	-178.517212	
1.00000	-4.10E-30	-202.500000	-6.318000
-1.26E-29	-5.370300	-172.125000	

COMB UEB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-3.78E-11	1.89E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-3.78E-11	1.89E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-3.78E-11	1.89E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-3.78E-11	1.89E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-3.78E-11	1.89E-11	-172.125000	

COMB UEB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-3.78E-11	1.89E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-3.78E-11	1.89E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-3.78E-11	1.89E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-3.78E-11	1.89E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-3.78E-11	1.89E-11	-172.125000	

COMB UEB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

COMB UEB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-3.78E-11	1.89E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-3.78E-11	1.89E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-3.78E-11	1.89E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-3.78E-11	1.89E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-3.78E-11	1.89E-11	-172.125000	

COMB UEB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-3.78E-11	1.89E-11	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-3.78E-11	1.89E-11	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-3.78E-11	1.89E-11	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-3.78E-11	1.89E-11	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-3.78E-11	1.89E-11	-172.125000	

COMB UEB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-207.960938	-13.134375
-3.64E-11	-11.907773	-188.539746	
0.25000	-7.89E-30	-204.064453	-12.888281
-3.64E-11	-11.501169	-182.101849	
0.50000	-7.89E-30	-200.167969	-12.642187
-3.64E-11	-11.102256	-175.785718	
0.75000	-7.89E-30	-196.271484	-12.396094
-3.64E-11	-10.711033	-169.591351	
1.00000	-7.89E-30	-192.375000	-12.150000
-3.64E-11	-10.327500	-163.518750	

COMB UEB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-207.960938	-13.134375
-3.64E-11	-11.907773	-188.539746	
0.25000	-7.89E-30	-204.064453	-12.888281
-3.64E-11	-11.501169	-182.101849	
0.50000	-7.89E-30	-200.167969	-12.642187
-3.64E-11	-11.102256	-175.785718	
0.75000	-7.89E-30	-196.271484	-12.396094
-3.64E-11	-10.711033	-169.591351	
1.00000	-7.89E-30	-192.375000	-12.150000
-3.64E-11	-10.327500	-163.518750	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-207.960938	-13.134375
-1.20E-29	-11.907773	-188.539746	
0.25000	-7.89E-30	-204.064453	-12.888281
-1.20E-29	-11.501169	-182.101849	
0.50000	-7.89E-30	-200.167969	-12.642187
-1.20E-29	-11.102256	-175.785718	
0.75000	-7.89E-30	-196.271484	-12.396094
-1.20E-29	-10.711033	-169.591351	
1.00000	-7.89E-30	-192.375000	-12.150000
-1.20E-29	-10.327500	-163.518750	

COMB UEB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-207.960938	-13.134375
-1.20E-29	-11.907773	-188.539746	
0.25000	-7.89E-30	-204.064453	-12.888281
-1.20E-29	-11.501169	-182.101849	
0.50000	-7.89E-30	-200.167969	-12.642187
-1.20E-29	-11.102256	-175.785718	
0.75000	-7.89E-30	-196.271484	-12.396094
-1.20E-29	-10.711033	-169.591351	
1.00000	-7.89E-30	-192.375000	-12.150000
-1.20E-29	-10.327500	-163.518750	

COMB UEB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-3.64E-11	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-3.64E-11	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-3.64E-11	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-3.64E-11	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-3.64E-11	-5.163750	-163.518750	

COMB UEB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-3.64E-11	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-3.64E-11	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-3.64E-11	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-3.64E-11	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-3.64E-11	-5.163750	-163.518750	

COMB UEB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-1.99E-29	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-1.99E-29	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-1.99E-29	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-1.99E-29	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-1.99E-29	-5.163750	-163.518750	

COMB UEB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-1.99E-29	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-1.99E-29	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-1.99E-29	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-1.99E-29	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-1.99E-29	-5.163750	-163.518750	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-3.64E-11	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-3.64E-11	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-3.64E-11	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-3.64E-11	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-3.64E-11	-5.163750	-163.518750	

COMB UEB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-3.64E-11	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-3.64E-11	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-3.64E-11	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-3.64E-11	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-3.64E-11	-5.163750	-163.518750	

COMB UEB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-1.20E-29	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-1.20E-29	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-1.20E-29	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-1.20E-29	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-1.20E-29	-5.163750	-163.518750	

COMB UEB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.94E-30	-207.960938	-6.567187
-1.20E-29	-5.953887	-188.539746	
0.25000	-3.94E-30	-204.064453	-6.444141
-1.20E-29	-5.750585	-182.101849	
0.50000	-3.94E-30	-200.167969	-6.321094
-1.20E-29	-5.551128	-175.785718	
0.75000	-3.94E-30	-196.271484	-6.198047
-1.20E-29	-5.355516	-169.591351	
1.00000	-3.94E-30	-192.375000	-6.075000
-1.20E-29	-5.163750	-163.518750	

COMB UEB16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEB16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

COMB UEB17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

COMB UEB18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.57E-30	-197.015625	-12.609000
-1.14E-29	-11.431462	-178.616602	
0.25000	-7.57E-30	-193.324219	-12.372750
-1.14E-29	-11.041123	-172.517542	
0.50000	-7.57E-30	-189.632813	-12.136500
-1.14E-29	-10.658166	-166.533838	
0.75000	-7.57E-30	-185.941406	-11.900250
-1.14E-29	-10.282591	-160.665491	
1.00000	-7.57E-30	-182.250000	-11.664000
-1.14E-29	-9.914400	-154.912500	

COMB UEB18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.57E-30	-197.015625	-12.609000
-1.14E-29	-11.431462	-178.616602	
0.25000	-7.57E-30	-193.324219	-12.372750
-1.14E-29	-11.041123	-172.517542	
0.50000	-7.57E-30	-189.632813	-12.136500
-1.14E-29	-10.658166	-166.533838	
0.75000	-7.57E-30	-185.941406	-11.900250
-1.14E-29	-10.282591	-160.665491	
1.00000	-7.57E-30	-182.250000	-11.664000
-1.14E-29	-9.914400	-154.912500	

COMB SVO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.89E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.89E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.89E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14

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-1.89E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000

 COMB    SVO01 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.89E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.89E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.89E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.89E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000
Program  SAP2000  Nonlinear  Version  7.42
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 COMB    SVO02 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO02 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO03 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO03 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO04 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.89E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.89E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.89E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.89E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000

 COMB    SVO04 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.89E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.89E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.89E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.89E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000
Program  SAP2000  Nonlinear  Version  7.42
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 COMB    SVO05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO05 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO06 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.74E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.74E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.74E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.74E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.74E-29    2.08E-14 -172.125000

 COMB    SVO06 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.74E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.74E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.74E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.74E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.74E-29    2.08E-14 -172.125000

 COMB    SVO07 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.89E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.89E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.89E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.89E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000

 COMB    SVO07 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.89E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.89E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.89E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.89E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

 COMB    SVO08 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.10E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.10E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.10E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.10E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.10E-29    2.08E-14 -172.125000

 COMB    SVO08 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.10E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.10E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.10E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.10E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.10E-29    2.08E-14 -172.125000

 COMB    SVO09 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO09 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO10 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.10E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.10E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.10E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.10E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.10E-29    2.08E-14 -172.125000

 COMB    SVO10 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.10E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.10E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.10E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.10E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.10E-29    2.08E-14 -172.125000
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L   F O R C E S

 COMB    SVO11 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO11 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000      .000000 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000      .000000 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000      .000000 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000      .000000 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO12 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.74E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.74E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.74E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.74E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.74E-29    2.08E-14 -172.125000

 COMB    SVO12 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.74E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.74E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.74E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.74E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.74E-29    2.08E-14 -172.125000

 COMB    SVO13 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.89E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.89E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.89E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.89E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000

 COMB    SVO13 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.89E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.89E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.89E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.89E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.89E-29    2.08E-14 -172.125000
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L   F O R C E S

 COMB    SVO14 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.10E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.10E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.10E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.10E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.10E-29    2.08E-14 -172.125000

 COMB    SVO14 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.10E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.10E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.10E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.10E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.10E-29    2.08E-14 -172.125000

 COMB    SVO15 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    SVO15 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.91E-11 -218.906250     2.65E-14
-1.26E-29    2.40E-14 -198.462891
 0.25000    -2.91E-11 -214.804688     2.60E-14
-1.26E-29    2.32E-14 -191.686157
 0.50000    -2.91E-11 -210.703125     2.55E-14
-1.26E-29    2.24E-14 -185.037598
 0.75000    -2.91E-11 -206.601563     2.50E-14
-1.26E-29    2.16E-14 -178.517212
 1.00000    -2.91E-11 -202.500000     2.45E-14
-1.26E-29    2.08E-14 -172.125000

 COMB    ULO01 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -284.578125     3.45E-14
-3.00E-29    3.12E-14 -258.001758
 0.25000      .000000 -279.246094     3.38E-14
-3.00E-29    3.02E-14 -249.192004
 0.50000      .000000 -273.914063     3.32E-14
-3.00E-29    2.91E-14 -240.548877
 0.75000      .000000 -268.582031     3.25E-14
-3.00E-29    2.81E-14 -232.072375
 1.00000      .000000 -263.250000     3.19E-14
-3.00E-29    2.71E-14 -223.762500

 COMB    ULO01 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -284.578125     3.45E-14
-3.00E-29    3.12E-14 -258.001758
 0.25000      .000000 -279.246094     3.38E-14
-3.00E-29    3.02E-14 -249.192004
 0.50000      .000000 -273.914063     3.32E-14
-3.00E-29    2.91E-14 -240.548877
 0.75000      .000000 -268.582031     3.25E-14
-3.00E-29    2.81E-14 -232.072375
 1.00000      .000000 -263.250000     3.19E-14
-3.00E-29    2.71E-14 -223.762500
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L   F O R C E S

 COMB    ULO02 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -284.578125     3.45E-14
-1.64E-29    3.12E-14 -258.001758
 0.25000      .000000 -279.246094     3.38E-14
-1.64E-29    3.02E-14 -249.192004
 0.50000      .000000 -273.914063     3.32E-14
-1.64E-29    2.91E-14 -240.548877
 0.75000      .000000 -268.582031     3.25E-14
-1.64E-29    2.81E-14 -232.072375
 1.00000      .000000 -263.250000     3.19E-14
-1.64E-29    2.71E-14 -223.762500

 COMB    ULO02 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -284.578125     3.45E-14
-1.64E-29    3.12E-14 -258.001758
 0.25000      .000000 -279.246094     3.38E-14
-1.64E-29    3.02E-14 -249.192004
 0.50000      .000000 -273.914063     3.32E-14
-1.64E-29    2.91E-14 -240.548877
 0.75000      .000000 -268.582031     3.25E-14
-1.64E-29    2.81E-14 -232.072375
 1.00000      .000000 -263.250000     3.19E-14
-1.64E-29    2.71E-14 -223.762500

 COMB    ULO03 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -284.578125     3.45E-14
-1.64E-29    3.12E-14 -258.001758
 0.25000      .000000 -279.246094     3.38E-14
-1.64E-29    3.02E-14 -249.192004
 0.50000      .000000 -273.914063     3.32E-14
-1.64E-29    2.91E-14 -240.548877
 0.75000      .000000 -268.582031     3.25E-14
-1.64E-29    2.81E-14 -232.072375
 1.00000      .000000 -263.250000     3.19E-14
-1.64E-29    2.71E-14 -223.762500

 COMB    ULO03 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000      .000000 -284.578125     3.45E-14
-1.64E-29    3.12E-14 -258.001758
 0.25000      .000000 -279.246094     3.38E-14
-1.64E-29    3.02E-14 -249.192004
 0.50000      .000000 -273.914063     3.32E-14
-1.64E-29    2.91E-14 -240.548877
 0.75000      .000000 -268.582031     3.25E-14
-1.64E-29    2.81E-14 -232.072375
 1.00000      .000000 -263.250000     3.19E-14
-1.64E-29    2.71E-14 -223.762500

 COMB    ULO04 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -3.78E-11 -284.578125     3.45E-14
-2.46E-29    3.12E-14 -258.001758
 0.25000    -3.78E-11 -279.246094     3.38E-14
-2.46E-29    3.02E-14 -249.192004
 0.50000    -3.78E-11 -273.914063     3.32E-14
-2.46E-29    2.91E-14 -240.548877
 0.75000    -3.78E-11 -268.582031     3.25E-14
-2.46E-29    2.81E-14 -232.072375
 1.00000    -3.78E-11 -263.250000     3.19E-14
-2.46E-29    2.71E-14 -223.762500

 COMB    ULO04 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -3.78E-11 -284.578125     3.45E-14
-2.46E-29    3.12E-14 -258.001758
```

0.25000	-3.78E-11	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	-3.78E-11	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	-3.78E-11	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	-3.78E-11	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.78E-11	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	-3.78E-11	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	-3.78E-11	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	-3.78E-11	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	-3.78E-11	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.78E-11	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	-3.78E-11	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	-3.78E-11	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	-3.78E-11	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	-3.78E-11	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.26E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.26E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.26E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.26E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.26E-29	2.71E-14	-223.762500	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.26E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.26E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.26E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.26E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.26E-29	2.71E-14	-223.762500	

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.44E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.44E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.44E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.44E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.44E-29	2.71E-14	-223.762500	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.44E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.44E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.44E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.44E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.44E-29	2.71E-14	-223.762500	

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-1.64E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-1.64E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-1.64E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-1.64E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-1.64E-29	2.71E-14	-223.762500	

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-273.632813	3.31E-14
-1.38E-29	3.00E-14	-248.078613	
0.25000	.000000	-268.505859	3.25E-14
-1.38E-29	2.90E-14	-239.607697	
0.50000	.000000	-263.378906	3.19E-14
-1.38E-29	2.80E-14	-231.296997	
0.75000	.000000	-258.251953	3.13E-14
-1.38E-29	2.70E-14	-223.146515	
1.00000	.000000	-253.125000	3.07E-14
-1.38E-29	2.61E-14	-215.156250	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-273.632813	3.31E-14
-1.38E-29	3.00E-14	-248.078613	
0.25000	.000000	-268.505859	3.25E-14
-1.38E-29	2.90E-14	-239.607697	
0.50000	.000000	-263.378906	3.19E-14
-1.38E-29	2.80E-14	-231.296997	
0.75000	.000000	-258.251953	3.13E-14
-1.38E-29	2.70E-14	-223.146515	
1.00000	.000000	-253.125000	3.07E-14
-1.38E-29	2.61E-14	-215.156250	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-273.632813	3.31E-14
-1.58E-29	3.00E-14	-248.078613	
0.25000	.000000	-268.505859	3.25E-14
-1.58E-29	2.90E-14	-239.607697	
0.50000	.000000	-263.378906	3.19E-14
-1.58E-29	2.80E-14	-231.296997	
0.75000	.000000	-258.251953	3.13E-14
-1.58E-29	2.70E-14	-223.146515	
1.00000	.000000	-253.125000	3.07E-14
-1.58E-29	2.61E-14	-215.156250	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-273.632813	3.31E-14
-1.58E-29	3.00E-14	-248.078613	
0.25000	.000000	-268.505859	3.25E-14
-1.58E-29	2.90E-14	-239.607697	
0.50000	.000000	-263.378906	3.19E-14
-1.58E-29	2.80E-14	-231.296997	
0.75000	.000000	-258.251953	3.13E-14
-1.58E-29	2.70E-14	-223.146515	
1.00000	.000000	-253.125000	3.07E-14
-1.58E-29	2.61E-14	-215.156250	

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-2.17E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-2.17E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-2.17E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-2.17E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-2.17E-29	2.61E-14	-215.156250	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-2.17E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-2.17E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-2.17E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-2.17E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-2.17E-29	2.61E-14	-215.156250	

COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-2.37E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-2.37E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-2.37E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-2.37E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-2.37E-29	2.61E-14	-215.156250	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-2.37E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-2.37E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-2.37E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-2.37E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-2.37E-29	2.61E-14	-215.156250	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-1.38E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-1.38E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-1.38E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-1.38E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-1.38E-29	2.61E-14	-215.156250	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-1.38E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-1.38E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-1.38E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-1.38E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-1.38E-29	2.61E-14	-215.156250	

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-1.58E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-1.58E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-1.58E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-1.58E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-1.58E-29	2.61E-14	-215.156250	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-273.632813	3.31E-14
-1.58E-29	3.00E-14	-248.078613	
0.25000	-3.64E-11	-268.505859	3.25E-14
-1.58E-29	2.90E-14	-239.607697	
0.50000	-3.64E-11	-263.378906	3.19E-14
-1.58E-29	2.80E-14	-231.296997	
0.75000	-3.64E-11	-258.251953	3.13E-14
-1.58E-29	2.70E-14	-223.146515	
1.00000	-3.64E-11	-253.125000	3.07E-14
-1.58E-29	2.61E-14	-215.156250	

COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-2.46E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-2.46E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-2.46E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-2.46E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-2.46E-29	2.71E-14	-223.762500	

COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-262.687500	3.18E-14
-1.51E-29	2.88E-14	-238.155469	
0.25000	.000000	-257.765625	3.12E-14
-1.51E-29	2.79E-14	-230.023389	
0.50000	.000000	-252.843750	3.06E-14
-1.51E-29	2.69E-14	-222.045117	
0.75000	.000000	-247.921875	3.00E-14
-1.51E-29	2.59E-14	-214.220654	
1.00000	.000000	-243.000000	2.94E-14
-1.51E-29	2.50E-14	-206.550000	

COMB ULO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-262.687500	3.18E-14
-1.51E-29	2.88E-14	-238.155469	
0.25000	.000000	-257.765625	3.12E-14
-1.51E-29	2.79E-14	-230.023389	
0.50000	.000000	-252.843750	3.06E-14
-1.51E-29	2.69E-14	-222.045117	
0.75000	.000000	-247.921875	3.00E-14
-1.51E-29	2.59E-14	-214.220654	
1.00000	.000000	-243.000000	2.94E-14
-1.51E-29	2.50E-14	-206.550000	

COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.62E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.62E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.62E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.62E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.62E-29	2.08E-14	-172.125000	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.62E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.62E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.62E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.62E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.62E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.78E-11	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	-3.78E-11	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	-3.78E-11	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	-3.78E-11	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	-3.78E-11	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.78E-11	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	-3.78E-11	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	-3.78E-11	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	-3.78E-11	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	-3.78E-11	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.78E-11	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	-3.78E-11	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	-3.78E-11	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	-3.78E-11	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	-3.78E-11	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.78E-11	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	-3.78E-11	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	-3.78E-11	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	-3.78E-11	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	-3.78E-11	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.88E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.88E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.88E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.88E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.88E-29	2.08E-14	-172.125000	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.88E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.88E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.88E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.88E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.88E-29	2.08E-14	-172.125000	

COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

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COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.06E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.06E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.06E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.06E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.06E-29	2.08E-14	-172.125000	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.06E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.06E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.06E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.06E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.06E-29	2.08E-14	-172.125000	

COMB UEO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-207.960938	2.52E-14
-1.00E-29	2.28E-14	-188.539746	
0.25000	.000000	-204.064453	2.47E-14
-1.00E-29	2.21E-14	-182.101849	
0.50000	.000000	-200.167969	2.42E-14
-1.00E-29	2.13E-14	-175.785718	
0.75000	.000000	-196.271484	2.38E-14
-1.00E-29	2.05E-14	-169.591351	
1.00000	.000000	-192.375000	2.33E-14
-1.00E-29	1.98E-14	-163.518750	

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-207.960938	2.52E-14
-1.00E-29	2.28E-14	-188.539746	
0.25000	.000000	-204.064453	2.47E-14
-1.00E-29	2.21E-14	-182.101849	
0.50000	.000000	-200.167969	2.42E-14
-1.00E-29	2.13E-14	-175.785718	
0.75000	.000000	-196.271484	2.38E-14
-1.00E-29	2.05E-14	-169.591351	
1.00000	.000000	-192.375000	2.33E-14
-1.00E-29	1.98E-14	-163.518750	

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COMB UEO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-207.960938	2.52E-14
-1.20E-29	2.28E-14	-188.539746	
0.25000	.000000	-204.064453	2.47E-14
-1.20E-29	2.21E-14	-182.101849	
0.50000	.000000	-200.167969	2.42E-14
-1.20E-29	2.13E-14	-175.785718	
0.75000	.000000	-196.271484	2.38E-14
-1.20E-29	2.05E-14	-169.591351	
1.00000	.000000	-192.375000	2.33E-14
-1.20E-29	1.98E-14	-163.518750	

COMB UEO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-207.960938	2.52E-14
-1.20E-29	2.28E-14	-188.539746	
0.25000	.000000	-204.064453	2.47E-14
-1.20E-29	2.21E-14	-182.101849	
0.50000	.000000	-200.167969	2.42E-14
-1.20E-29	2.13E-14	-175.785718	
0.75000	.000000	-196.271484	2.38E-14
-1.20E-29	2.05E-14	-169.591351	
1.00000	.000000	-192.375000	2.33E-14
-1.20E-29	1.98E-14	-163.518750	

COMB UEO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.79E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.79E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.79E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.79E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.79E-29	1.98E-14	-163.518750	

COMB UEO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.79E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.79E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.79E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.79E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.79E-29	1.98E-14	-163.518750	

COMB UEO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.99E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.99E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.99E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.99E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.99E-29	1.98E-14	-163.518750	

COMB UEO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.99E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.99E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.99E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.99E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.99E-29	1.98E-14	-163.518750	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.00E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.00E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.00E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.00E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.00E-29	1.98E-14	-163.518750	

COMB UEO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.00E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.00E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.00E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.00E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.00E-29	1.98E-14	-163.518750	

COMB UEO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.20E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.20E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.20E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.20E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.20E-29	1.98E-14	-163.518750	

COMB UEO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-11	-207.960938	2.52E-14
-1.20E-29	2.28E-14	-188.539746	
0.25000	-3.64E-11	-204.064453	2.47E-14
-1.20E-29	2.21E-14	-182.101849	
0.50000	-3.64E-11	-200.167969	2.42E-14
-1.20E-29	2.13E-14	-175.785718	
0.75000	-3.64E-11	-196.271484	2.38E-14
-1.20E-29	2.05E-14	-169.591351	
1.00000	-3.64E-11	-192.375000	2.33E-14
-1.20E-29	1.98E-14	-163.518750	

COMB UEO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB UEO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.08E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.08E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.08E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.08E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.08E-29	2.08E-14	-172.125000	

COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-197.015625	2.39E-14
-1.14E-29	2.16E-14	-178.616602	
0.25000	.000000	-193.324219	2.34E-14
-1.14E-29	2.09E-14	-172.517542	
0.50000	.000000	-189.632813	2.30E-14
-1.14E-29	2.02E-14	-166.533838	
0.75000	.000000	-185.941406	2.25E-14
-1.14E-29	1.95E-14	-160.665491	
1.00000	.000000	-182.250000	2.21E-14
-1.14E-29	1.88E-14	-154.912500	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-197.015625	2.39E-14
-1.14E-29	2.16E-14	-178.616602	
0.25000	.000000	-193.324219	2.34E-14
-1.14E-29	2.09E-14	-172.517542	
0.50000	.000000	-189.632813	2.30E-14
-1.14E-29	2.02E-14	-166.533838	
0.75000	.000000	-185.941406	2.25E-14
-1.14E-29	1.95E-14	-160.665491	
1.00000	.000000	-182.250000	2.21E-14
-1.14E-29	1.88E-14	-154.912500	

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.00E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.00E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.00E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.00E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.00E-29	2.71E-14	-223.762500	

COMB ENVBULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.00E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.00E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.00E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.00E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.00E-29	2.71E-14	-223.762500	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVBECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.62E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.62E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.62E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.62E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.62E-29	2.08E-14	-172.125000	

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.00E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.00E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.00E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.00E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.00E-29	2.71E-14	-223.762500	

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-284.578125	3.45E-14
-3.00E-29	3.12E-14	-258.001758	
0.25000	.000000	-279.246094	3.38E-14
-3.00E-29	3.02E-14	-249.192004	
0.50000	.000000	-273.914063	3.32E-14
-3.00E-29	2.91E-14	-240.548877	
0.75000	.000000	-268.582031	3.25E-14
-3.00E-29	2.81E-14	-232.072375	
1.00000	.000000	-263.250000	3.19E-14
-3.00E-29	2.71E-14	-223.762500	

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-1.26E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-1.26E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-1.26E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-1.26E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-218.906250	2.65E-14
-2.62E-29	2.40E-14	-198.462891	
0.25000	.000000	-214.804688	2.60E-14
-2.62E-29	2.32E-14	-191.686157	
0.50000	.000000	-210.703125	2.55E-14
-2.62E-29	2.24E-14	-185.037598	
0.75000	.000000	-206.601563	2.50E-14
-2.62E-29	2.16E-14	-178.517212	
1.00000	.000000	-202.500000	2.45E-14
-2.62E-29	2.08E-14	-172.125000	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 16 ========== LENGTH = 1.800000

LOAD D ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-8.28E-30	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-8.28E-30	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-8.28E-30	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-8.28E-30	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-4.24E-28	
-8.28E-30	-3.10E-28	-2.91E-12		

LOAD L1 ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	.000000	-1.01E-28	
-3.35E-30	-2.02E-28	9.09E-13		
0.25000	.000000	.000000	-1.01E-28	
-3.35E-30	-1.57E-28	9.09E-13		
0.50000	.000000	.000000	-1.01E-28	
-3.35E-30	-1.11E-28	9.09E-13		
0.75000	.000000	.000000	-1.01E-28	
-3.35E-30	-6.56E-29	9.09E-13		
1.00000	.000000	.000000	-1.01E-28	
-3.35E-30	-2.02E-29	9.09E-13		

LOAD W-LO ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-1.18E-15	-9.720000	
2.27E-13	-8.262000	-1.00E-15		
0.25000	.000000	-8.46E-16	-6.986250	
2.27E-13	-4.510687	-5.46E-16		
0.50000	.000000	-5.40E-16	-4.455000	
2.27E-13	-1.944000	-2.35E-16		
0.75000	.000000	-2.58E-16	-2.126250	
2.27E-13	-0.470813	-5.70E-17		
1.00000	.000000	1.03E-28	2.47E-12	
2.27E-13	-1.44E-12	1.14E-28		

LOAD G-LO2 ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	.000000	.000000	
3.64E-12	1.46E-11	.000000		
0.25000	.000000	.000000	.000000	
3.64E-12	1.46E-11	.000000		
0.50000	.000000	.000000	.000000	
3.64E-12	1.46E-11	.000000		
0.75000	.000000	.000000	.000000	
3.64E-12	1.46E-11	.000000		
1.00000	.000000	.000000	.000000	
3.64E-12	1.46E-11	.000000		

LOAD E-LO ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.25000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.50000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.75000	.000000	.000000	.000000	
.000000	.000000	.000000		
1.00000	.000000	.000000	.000000	
.000000	.000000	.000000		

LOAD W-TR ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-9.09E-13	.000000	
-5.13E-30	.000000	.000000		
0.25000	.000000	-9.09E-13	.000000	
-5.13E-30	.000000	4.09E-13		
0.50000	.000000	-9.09E-13	.000000	
-5.13E-30	.000000	8.19E-13		

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000	.000000	-9.09E-13	.000000	
-5.13E-30	.000000	1.23E-12		
1.00000	.000000	-9.09E-13	.000000	
-5.13E-30	.000000	1.64E-12		

LOAD WL ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	1.14E-13	.000000	
-7.89E-31	-2.52E-29	2.27E-13		
0.25000	.000000	1.14E-13	.000000	
-7.89E-31	-2.52E-29	1.76E-13		
0.50000	.000000	1.14E-13	.000000	
-7.89E-31	-2.52E-29	1.25E-13		
0.75000	.000000	1.14E-13	.000000	
-7.89E-31	-2.52E-29	7.39E-14		
1.00000	.000000	1.14E-13	.000000	
-7.89E-31	-2.52E-29	2.27E-14		

LOAD G-TR ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	7.28E-12	1.14E-13	-1.26E-29	
4.44E-31	.000000	2.27E-13		
0.25000	7.28E-12	1.14E-13	-1.26E-29	
4.44E-31	5.68E-30	1.76E-13		
0.50000	7.28E-12	1.14E-13	-1.26E-29	
4.44E-31	1.14E-29	1.25E-13		
0.75000	7.28E-12	1.14E-13	-1.26E-29	
4.44E-31	1.70E-29	7.39E-14		
1.00000	7.28E-12	1.14E-13	-1.26E-29	
4.44E-31	2.27E-29	2.27E-14		

LOAD E-TR ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.25000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.50000	.000000	.000000	.000000	
.000000	.000000	.000000		
0.75000	.000000	.000000	.000000	
.000000	.000000	.000000		
1.00000	.000000	.000000	.000000	
.000000	.000000	.000000		

LOAD Q1-TR ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	4.44E-16	-9.86E-32	
-5.78E-34	-9.86E-32	8.88E-16		
0.25000	.000000	4.44E-16	-9.86E-32	
-5.78E-34	-5.42E-32	6.88E-16		
0.50000	.000000	4.44E-16	-9.86E-32	
-5.78E-34	-9.86E-33	4.88E-16		
0.75000	.000000	4.44E-16	-9.86E-32	
-5.78E-34	3.45E-32	2.89E-16		
1.00000	.000000	4.44E-16	-9.86E-32	
-5.78E-34	7.89E-32	8.88E-17		

LOAD COL-TR ------------------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.14E-13	1.78E-15	-1.97E-31	
-1.54E-33	.000000	1.78E-15		
0.25000	1.14E-13	1.78E-15	-1.97E-31	
-1.54E-33	8.87E-32	9.77E-16		
0.50000	1.14E-13	1.78E-15	-1.97E-31	
-1.54E-33	1.77E-31	1.78E-16		
0.75000	1.14E-13	1.78E-15	-1.97E-31	
-1.54E-33	2.66E-31	-6.22E-16		
1.00000	1.14E-13	1.78E-15	-1.97E-31	
-1.54E-33	3.55E-31	-1.42E-15		

COMB SVB01 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-1.16E-29	2.08E-14	-172.125000		

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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000	.000000	-145.546875	1.76E-14	
-1.16E-29	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-1.16E-29	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-1.16E-29	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-5.25E-28	
-1.16E-29	-3.30E-28	-2.00E-12		

COMB SVB01 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-1.16E-29	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-1.16E-29	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-1.16E-29	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-1.16E-29	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-5.25E-28	
-1.16E-29	-3.30E-28	-2.00E-12		

COMB SVB02 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-8.28E-30	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-8.28E-30	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-8.28E-30	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-8.28E-30	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-4.24E-28	
-8.28E-30	-3.10E-28	-2.91E-12		

COMB SVB02 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-8.28E-30	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-8.28E-30	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-8.28E-30	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-8.28E-30	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-4.24E-28	
-8.28E-30	-3.10E-28	-2.91E-12		

COMB SVB03 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-9.720000	
2.27E-13	-8.262000	-172.125000		
0.25000	.000000	-145.546875	-6.986250	
2.27E-13	-4.510687	-93.972656		
0.50000	.000000	-92.812500	-4.455000	
2.27E-13	-1.944000	-40.500000		
0.75000	.000000	-44.296875	-2.126250	
2.27E-13	-0.470813	-9.808594		
1.00000	.000000	3.53E-12	2.47E-12	
2.27E-13	-1.44E-12	-2.91E-12		

COMB SVB03 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-9.720000	
2.27E-13	-8.262000	-172.125000		
0.25000	.000000	-145.546875	-6.986250	
2.27E-13	-4.510687	-93.972656		
0.50000	.000000	-92.812500	-4.455000	
2.27E-13	-1.944000	-40.500000		
0.75000	.000000	-44.296875	-2.126250	
2.27E-13	-0.470813	-9.808594		
1.00000	.000000	3.53E-12	2.47E-12	
2.27E-13	-1.44E-12	-2.91E-12		

COMB SVB04 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-4.860000	
1.14E-13	-4.131000	-172.125000		
0.25000	.000000	-145.546875	-3.493125	
1.14E-13	-2.255344	-93.972656		
0.50000	.000000	-92.812500	-2.227500	
1.14E-13	-0.972000	-40.500000		
0.75000	.000000	-44.296875	-1.063125	
1.14E-13	-0.235406	-9.808594		
1.00000	.000000	3.53E-12	1.23E-12	
1.14E-13	-7.20E-13	-2.00E-12		

COMB SVB04 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-4.860000	
1.14E-13	-4.131000	-172.125000		
0.25000	.000000	-145.546875	-3.493125	
1.14E-13	-2.255344	-93.972656		
0.50000	.000000	-92.812500	-2.227500	
1.14E-13	-0.972000	-40.500000		
0.75000	.000000	-44.296875	-1.063125	
1.14E-13	-0.235406	-9.808594		
1.00000	.000000	3.53E-12	1.23E-12	
1.14E-13	-7.20E-13	-2.00E-12		

COMB SVB05 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-4.860000	
1.14E-13	-4.131000	-172.125000		
0.25000	.000000	-145.546875	-3.493125	
1.14E-13	-2.255344	-93.972656		
0.50000	.000000	-92.812500	-2.227500	
1.14E-13	-0.972000	-40.500000		
0.75000	.000000	-44.296875	-1.063125	
1.14E-13	-0.235406	-9.808594		
1.00000	.000000	3.53E-12	1.23E-12	
1.14E-13	-7.20E-13	-2.91E-12		

COMB SVB05 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-4.860000	
1.14E-13	-4.131000	-172.125000		
0.25000	.000000	-145.546875	-3.493125	
1.14E-13	-2.255344	-93.972656		
0.50000	.000000	-92.812500	-2.227500	
1.14E-13	-0.972000	-40.500000		
0.75000	.000000	-44.296875	-1.063125	
1.14E-13	-0.235406	-9.808594		
1.00000	.000000	3.53E-12	1.23E-12	
1.14E-13	-7.20E-13	-2.91E-12		

COMB SVB06 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
3.64E-12	1.46E-11	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
3.64E-12	1.46E-11	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
3.64E-12	1.46E-11	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
3.64E-12	1.46E-11	-9.808594		
1.00000	.000000	3.53E-12	-5.25E-28	
3.64E-12	1.46E-11	-2.00E-12		

COMB SVB06 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
3.64E-12	1.46E-11	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
3.64E-12	1.46E-11	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
3.64E-12	1.46E-11	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
3.64E-12	1.46E-11	-9.808594		
1.00000	.000000	3.53E-12	-5.25E-28	
3.64E-12	1.46E-11	-2.00E-12		

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB07 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-1.16E-29	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-1.16E-29	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-1.16E-29	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-1.16E-29	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-5.25E-28	
-1.16E-29	-3.30E-28	-2.00E-12		

COMB SVB07 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-1.16E-29	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-1.16E-29	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-1.16E-29	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-1.16E-29	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-5.25E-28	
-1.16E-29	-3.30E-28	-2.00E-12		

COMB SVB08 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
3.64E-12	1.46E-11	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
3.64E-12	1.46E-11	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
3.64E-12	1.46E-11	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
3.64E-12	1.46E-11	-9.808594		
1.00000	.000000	3.53E-12	-4.24E-28	
3.64E-12	1.46E-11	-2.91E-12		

COMB SVB08 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
3.64E-12	1.46E-11	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
3.64E-12	1.46E-11	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
3.64E-12	1.46E-11	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
3.64E-12	1.46E-11	-9.808594		
1.00000	.000000	3.53E-12	-4.24E-28	
3.64E-12	1.46E-11	-2.91E-12		

COMB SVB09 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-8.28E-30	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-8.28E-30	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-8.28E-30	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-8.28E-30	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-4.24E-28	
-8.28E-30	-3.10E-28	-2.91E-12		

COMB SVB09 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14	
-8.28E-30	2.08E-14	-172.125000		
0.25000	.000000	-145.546875	1.76E-14	
-8.28E-30	1.14E-14	-93.972656		
0.50000	.000000	-92.812500	1.12E-14	
-8.28E-30	4.90E-15	-40.500000		
0.75000	.000000	-44.296875	5.36E-15	
-8.28E-30	1.19E-15	-9.808594		
1.00000	.000000	3.53E-12	-4.24E-28	
-8.28E-30	-3.10E-28	-2.91E-12		

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COMB SVB10 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-9.720000	
3.87E-12	-8.262000	-172.125000		
0.25000	.000000	-145.546875	-6.986250	
3.87E-12	-4.510687	-93.972656		
0.50000	.000000	-92.812500	-4.455000	
3.87E-12	-1.944000	-40.500000		
0.75000	.000000	-44.296875	-2.126250	
3.87E-12	-0.470812	-9.808594		
1.00000	.000000	3.53E-12	2.47E-12	
3.87E-12	1.31E-11	-2.91E-12		

COMB SVB10 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-9.720000	
3.87E-12	-8.262000	-172.125000		
0.25000	.000000	-145.546875	-6.986250	
3.87E-12	-4.510687	-93.972656		
0.50000	.000000	-92.812500	-4.455000	
3.87E-12	-1.944000	-40.500000		
0.75000	.000000	-44.296875	-2.126250	
3.87E-12	-0.470812	-9.808594		
1.00000	.000000	3.53E-12	2.47E-12	
3.87E-12	1.31E-11	-2.91E-12		

COMB SVB11 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-9.720000	
2.27E-13	-8.262000	-172.125000		
0.25000	.000000	-145.546875	-6.986250	
2.27E-13	-4.510687	-93.972656		
0.50000	.000000	-92.812500	-4.455000	
2.27E-13	-1.944000	-40.500000		
0.75000	.000000	-44.296875	-2.126250	
2.27E-13	-0.470813	-9.808594		
1.00000	.000000	3.53E-12	2.47E-12	
2.27E-13	-1.44E-12	-2.91E-12		

COMB SVB11 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-9.720000	
2.27E-13	-8.262000	-172.125000		
0.25000	.000000	-145.546875	-6.986250	
2.27E-13	-4.510687	-93.972656		
0.50000	.000000	-92.812500	-4.455000	
2.27E-13	-1.944000	-40.500000		
0.75000	.000000	-44.296875	-2.126250	
2.27E-13	-0.470813	-9.808594		
1.00000	.000000	3.53E-12	2.47E-12	
2.27E-13	-1.44E-12	-2.91E-12		

COMB SVB12 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-4.860000	
3.75E-12	-4.131000	-172.125000		
0.25000	.000000	-145.546875	-3.493125	
3.75E-12	-2.255344	-93.972656		
0.50000	.000000	-92.812500	-2.227500	
3.75E-12	-0.972000	-40.500000		
0.75000	.000000	-44.296875	-1.063125	
3.75E-12	-0.235406	-9.808594		
1.00000	.000000	3.53E-12	1.23E-12	
3.75E-12	1.38E-11	-2.00E-12		

COMB SVB12 ------------------ MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-4.860000	
3.75E-12	-4.131000	-172.125000		
0.25000	.000000	-145.546875	-3.493125	
3.75E-12	-2.255344	-93.972656		
0.50000	.000000	-92.812500	-2.227500	
3.75E-12	-0.972000	-40.500000		
0.75000	.000000	-44.296875	-1.063125	
3.75E-12	-0.235406	-9.808594		
1.00000	.000000	3.53E-12	1.23E-12	
3.75E-12	1.38E-11	-2.00E-12		

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COMB SVB13 ------------------ MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	.000000	-202.500000	-4.860000	
1.14E-13	-4.131000	-172.125000		
0.25000	.000000	-145.546875	-3.493125	
1.14E-13	-2.255344	-93.972656		
0.50000	.000000	-92.812500	-2.227500	
1.14E-13	-0.972000	-40.500000		
0.75000	.000000	-44.296875	-1.063125	
1.14E-13	-0.235406	-9.808594		
1.00000	.000000	3.53E-12	1.23E-12	
1.14E-13	-7.20E-13	-2.00E-12		

COMB SVB13 ------------------ MIN

REL	DIST	P	V2	V3

```
        T           M2          M3
 0.00000     .000000  -202.500000    -4.860000
1.14E-13    -4.131000  -172.125000
 0.25000     .000000  -145.546875    -3.493125
1.14E-13    -2.255344   -93.972656
 0.50000     .000000   -92.812500    -2.227500
1.14E-13    -0.972000   -40.500000
 0.75000     .000000   -44.296875    -1.063125
1.14E-13    -0.235406    -9.808594
 1.00000     .000000     3.53E-12     1.23E-12
1.14E-13    -7.20E-13    -2.00E-12

 COMB    SVB14 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -202.500000    -4.860000
3.75E-12    -4.131000  -172.125000
 0.25000     .000000  -145.546875    -3.493125
3.75E-12    -2.255344   -93.972656
 0.50000     .000000   -92.812500    -2.227500
3.75E-12    -0.972000   -40.500000
 0.75000     .000000   -44.296875    -1.063125
3.75E-12    -0.235406    -9.808594
 1.00000     .000000     3.53E-12     1.23E-12
3.75E-12     1.38E-11    -2.91E-12

 COMB    SVB14 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -202.500000    -4.860000
3.75E-12    -4.131000  -172.125000
 0.25000     .000000  -145.546875    -3.493125
3.75E-12    -2.255344   -93.972656
 0.50000     .000000   -92.812500    -2.227500
3.75E-12    -0.972000   -40.500000
 0.75000     .000000   -44.296875    -1.063125
3.75E-12    -0.235406    -9.808594
 1.00000     .000000     3.53E-12     1.23E-12
3.75E-12     1.38E-11    -2.91E-12

 COMB    SVB15 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -202.500000    -4.860000
1.14E-13    -4.131000  -172.125000
 0.25000     .000000  -145.546875    -3.493125
1.14E-13    -2.255344   -93.972656
 0.50000     .000000   -92.812500    -2.227500
1.14E-13    -0.972000   -40.500000
 0.75000     .000000   -44.296875    -1.063125
1.14E-13    -0.235406    -9.808594
 1.00000     .000000     3.53E-12     1.23E-12
1.14E-13    -7.20E-13    -2.91E-12

 COMB    SVB15 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -202.500000    -4.860000
1.14E-13    -4.131000  -172.125000
 0.25000     .000000  -145.546875    -3.493125
1.14E-13    -2.255344   -93.972656
 0.50000     .000000   -92.812500    -2.227500
1.14E-13    -0.972000   -40.500000
 0.75000     .000000   -44.296875    -1.063125
1.14E-13    -0.235406    -9.808594
 1.00000     .000000     3.53E-12     1.23E-12
1.14E-13    -7.20E-13    -2.91E-12
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L   F O R C E S

 COMB    ULB01 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.80E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.80E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.80E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.80E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -7.69E-28
-1.80E-29    -4.47E-28    -1.83E-12

 COMB    ULB01 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.80E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.80E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.80E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.80E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -7.69E-28
-1.80E-29    -4.47E-28    -1.83E-12

 COMB    ULB02 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.08E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.08E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.08E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.08E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -5.51E-28
-1.08E-29    -4.03E-28    -3.78E-12

 COMB    ULB02 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.08E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.08E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.08E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.08E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -5.51E-28
-1.08E-29    -4.03E-28    -3.78E-12

 COMB    ULB03 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000   -12.636000
2.96E-13   -10.740600  -223.762500
 0.25000     .000000  -189.210937    -9.082125
2.96E-13    -5.863894  -122.164453
 0.50000     .000000  -120.656250    -5.791500
2.96E-13    -2.527200   -52.650000
 0.75000     .000000   -57.585937    -2.764125
2.96E-13    -0.612056   -12.751172
 1.00000     .000000     4.58E-12     3.21E-12
2.96E-13    -1.87E-12    -3.78E-12

 COMB    ULB03 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000   -12.636000
2.96E-13   -10.740600  -223.762500
 0.25000     .000000  -189.210937    -9.082125
2.96E-13    -5.863894  -122.164453
 0.50000     .000000  -120.656250    -5.791500
2.96E-13    -2.527200   -52.650000
 0.75000     .000000   -57.585937    -2.764125
2.96E-13    -0.612056   -12.751172
 1.00000     .000000     4.58E-12     3.21E-12
2.96E-13    -1.87E-12    -3.78E-12
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L   F O R C E S

 COMB    ULB04 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000    -6.318000
1.48E-13    -5.370300  -223.762500
 0.25000     .000000  -189.210937    -4.541062
1.48E-13    -2.931947  -122.164453
 0.50000     .000000  -120.656250    -2.895750
1.48E-13    -1.263600   -52.650000
 0.75000     .000000   -57.585937    -1.382062
1.48E-13    -0.306028   -12.751172
 1.00000     .000000     4.58E-12     1.60E-12
1.48E-13    -9.36E-13    -2.60E-12

 COMB    ULB04 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000    -6.318000
1.48E-13    -5.370300  -223.762500
 0.25000     .000000  -189.210937    -4.541062
1.48E-13    -2.931947  -122.164453
 0.50000     .000000  -120.656250    -2.895750
1.48E-13    -1.263600   -52.650000
 0.75000     .000000   -57.585937    -1.382062
1.48E-13    -0.306028   -12.751172
 1.00000     .000000     4.58E-12     1.60E-12
1.48E-13    -9.36E-13    -2.60E-12

 COMB    ULB05 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000    -6.318000
1.48E-13    -5.370300  -223.762500
 0.25000     .000000  -189.210937    -4.541062
1.48E-13    -2.931947  -122.164453
 0.50000     .000000  -120.656250    -2.895750
1.48E-13    -1.263600   -52.650000
 0.75000     .000000   -57.585937    -1.382062
1.48E-13    -0.306028   -12.751172
 1.00000     .000000     4.58E-12     1.60E-12
1.48E-13    -9.36E-13    -3.78E-12

 COMB    ULB05 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000    -6.318000
1.48E-13    -5.370300  -223.762500
 0.25000     .000000  -189.210937    -4.541062
1.48E-13    -2.931947  -122.164453
 0.50000     .000000  -120.656250    -2.895750
1.48E-13    -1.263600   -52.650000
 0.75000     .000000   -57.585937    -1.382062
1.48E-13    -0.306028   -12.751172
 1.00000     .000000     4.58E-12     1.60E-12
1.48E-13    -9.36E-13    -3.78E-12

 COMB    ULB06 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
4.73E-12     1.89E-11  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
4.73E-12     1.89E-11  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
4.73E-12     1.89E-11   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
4.73E-12     1.89E-11   -12.751172
 1.00000     .000000     4.58E-12    -6.83E-28
4.73E-12     1.89E-11    -2.60E-12

 COMB    ULB06 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
4.73E-12     1.89E-11  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
4.73E-12     1.89E-11  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
4.73E-12     1.89E-11   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
4.73E-12     1.89E-11   -12.751172
 1.00000     .000000     4.58E-12    -6.83E-28
4.73E-12     1.89E-11    -2.60E-12
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L   F O R C E S

 COMB    ULB07 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.51E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.51E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.51E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.51E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -6.83E-28
-1.51E-29    -4.30E-28    -2.60E-12

 COMB    ULB07 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.51E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.51E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.51E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.51E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -6.83E-28
-1.51E-29    -4.30E-28    -2.60E-12

 COMB    ULB08 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
4.73E-12     1.89E-11  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
4.73E-12     1.89E-11  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
4.73E-12     1.89E-11   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
4.73E-12     1.89E-11   -12.751172
 1.00000     .000000     4.58E-12    -5.51E-28
4.73E-12     1.89E-11    -3.78E-12

 COMB    ULB08 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
4.73E-12     1.89E-11  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
4.73E-12     1.89E-11  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
4.73E-12     1.89E-11   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
4.73E-12     1.89E-11   -12.751172
 1.00000     .000000     4.58E-12    -5.51E-28
4.73E-12     1.89E-11    -3.78E-12

 COMB    ULB09 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.08E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.08E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.08E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.08E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -5.51E-28
-1.08E-29    -4.03E-28    -3.78E-12

 COMB    ULB09 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -263.250000     3.19E-14
-1.08E-29    2.71E-14  -223.762500
 0.25000     .000000  -189.210937     2.29E-14
-1.08E-29    1.48E-14  -122.164453
 0.50000     .000000  -120.656250     1.46E-14
-1.08E-29    6.38E-15   -52.650000
 0.75000     .000000   -57.585937     6.97E-15
-1.08E-29    1.54E-15   -12.751172
 1.00000     .000000     4.58E-12    -5.51E-28
-1.08E-29    -4.03E-28    -3.78E-12
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L   F O R C E S

 COMB    ULB10 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000   -12.150000
4.83E-12   -10.327500  -215.156250
 0.25000     .000000  -181.933594    -8.732812
4.83E-12    -5.638359  -117.465820
 0.50000     .000000  -116.015625    -5.568750
4.83E-12    -2.430000   -50.625000
 0.75000     .000000   -55.371094    -2.657812
4.83E-12    -0.588516   -12.260742
 1.00000     .000000     4.41E-12     3.08E-12
4.83E-12     1.64E-11    -3.64E-12

 COMB    ULB10 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000   -12.150000
4.83E-12   -10.327500  -215.156250
 0.25000     .000000  -181.933594    -8.732812
4.83E-12    -5.638359  -117.465820
 0.50000     .000000  -116.015625    -5.568750
4.83E-12    -2.430000   -50.625000
 0.75000     .000000   -55.371094    -2.657812
4.83E-12    -0.588516   -12.260742
 1.00000     .000000     4.41E-12     3.08E-12
4.83E-12     1.64E-11    -3.64E-12

 COMB    ULB11 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000   -12.150000
2.84E-13   -10.327500  -215.156250
 0.25000     .000000  -181.933594    -8.732812
2.84E-13    -5.638359  -117.465820
 0.50000     .000000  -116.015625    -5.568750
2.84E-13    -2.430000   -50.625000
 0.75000     .000000   -55.371094    -2.657812
2.84E-13    -0.588516   -12.260742
 1.00000     .000000     4.41E-12     3.08E-12
2.84E-13    -1.80E-12    -3.64E-12

 COMB    ULB11 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000   -12.150000
2.84E-13   -10.327500  -215.156250
 0.25000     .000000  -181.933594    -8.732812
2.84E-13    -5.638359  -117.465820
 0.50000     .000000  -116.015625    -5.568750
2.84E-13    -2.430000   -50.625000
 0.75000     .000000   -55.371094    -2.657812
2.84E-13    -0.588516   -12.260742
 1.00000     .000000     4.41E-12     3.08E-12
2.84E-13    -1.80E-12    -3.64E-12

 COMB    ULB12 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000    -6.075000
4.69E-12    -5.163750  -215.156250
 0.25000     .000000  -181.933594    -4.366406
4.69E-12    -2.819180  -117.465820
 0.50000     .000000  -116.015625    -2.784375
4.69E-12    -1.215000   -50.625000
 0.75000     .000000   -55.371094    -1.328906
4.69E-12    -0.294258   -12.260742
 1.00000     .000000     4.41E-12     1.54E-12
4.69E-12     1.73E-11    -2.50E-12
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L   F O R C E S

 COMB    ULB13 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000    -6.075000
1.42E-13    -5.163750  -215.156250
 0.25000     .000000  -181.933594    -4.366406
1.42E-13    -2.819180  -117.465820
 0.50000     .000000  -116.015625    -2.784375
1.42E-13    -1.215000   -50.625000
 0.75000     .000000   -55.371094    -1.328906
1.42E-13    -0.294258   -12.260742
 1.00000     .000000     4.41E-12     1.54E-12
1.42E-13    -9.00E-13    -2.50E-12

 COMB    ULB13 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000    -6.075000
1.42E-13    -5.163750  -215.156250
 0.25000     .000000  -181.933594    -4.366406
1.42E-13    -2.819180  -117.465820
 0.50000     .000000  -116.015625    -2.784375
1.42E-13    -1.215000   -50.625000
 0.75000     .000000   -55.371094    -1.328906
1.42E-13    -0.294258   -12.260742
 1.00000     .000000     4.41E-12     1.54E-12
1.42E-13    -9.00E-13    -2.50E-12

 COMB    ULB14 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000    -6.075000
4.69E-12    -5.163750  -215.156250
 0.25000     .000000  -181.933594    -4.366406
4.69E-12    -2.819180  -117.465820
 0.50000     .000000  -116.015625    -2.784375
4.69E-12    -1.215000   -50.625000
 0.75000     .000000   -55.371094    -1.328906
4.69E-12    -0.294258   -12.260742
 1.00000     .000000     4.41E-12     1.54E-12
4.69E-12     1.73E-11    -3.64E-12

 COMB    ULB14 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000    -6.075000
4.69E-12    -5.163750  -215.156250
 0.25000     .000000  -181.933594    -4.366406
4.69E-12    -2.819180  -117.465820
 0.50000     .000000  -116.015625    -2.784375
4.69E-12    -1.215000   -50.625000
 0.75000     .000000   -55.371094    -1.328906
4.69E-12    -0.294258   -12.260742
 1.00000     .000000     4.41E-12     1.54E-12
4.69E-12     1.73E-11    -3.64E-12

 COMB    ULB15 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000    -6.075000
1.42E-13    -5.163750  -215.156250
 0.25000     .000000  -181.933594    -4.366406
1.42E-13    -2.819180  -117.465820
 0.50000     .000000  -116.015625    -2.784375
1.42E-13    -1.215000   -50.625000
 0.75000     .000000   -55.371094    -1.328906
1.42E-13    -0.294258   -12.260742
 1.00000     .000000     4.41E-12     1.54E-12
1.42E-13    -9.00E-13    -3.64E-12

 COMB    ULB15 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -253.125000    -6.075000
1.42E-13    -5.163750  -215.156250
 0.25000     .000000  -181.933594    -4.366406
1.42E-13    -2.819180  -117.465820
 0.50000     .000000  -116.015625    -2.784375
1.42E-13    -1.215000   -50.625000
 0.75000     .000000   -55.371094    -1.328906
1.42E-13    -0.294258   -12.260742
 1.00000     .000000     4.41E-12     1.54E-12
1.42E-13    -9.00E-13    -3.64E-12
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L   F O R C E S

 COMB    ULB16 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -202.500000     2.45E-14
-8.28E-30    2.08E-14  -172.125000
 0.25000     .000000  -145.546875     1.76E-14
-8.28E-30    1.14E-14   -93.972656
 0.50000     .000000   -92.812500     1.12E-14
-8.28E-30    4.90E-15   -40.500000
 0.75000     .000000   -44.296875     5.36E-15
-8.28E-30    1.19E-15    -9.808594
 1.00000     .000000     3.53E-12    -4.24E-28
-8.28E-30    -3.10E-28    -2.91E-12

 COMB    ULB16 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     .000000  -202.500000     2.45E-14
-8.28E-30    2.08E-14  -172.125000
 0.25000     .000000  -145.546875     1.76E-14
-8.28E-30    1.14E-14   -93.972656
 0.50000     .000000   -92.812500     1.12E-14
-8.28E-30    4.90E-15   -40.500000
 0.75000     .000000   -44.296875     5.36E-15
-8.28E-30    1.19E-15    -9.808594
 1.00000     .000000     3.53E-12    -4.24E-28
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-8.28E-30 -3.10E-28 -2.91E-12

COMB ULB17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.58E-12	-6.83E-28
-1.51E-29	-4.30E-28	-2.60E-12	

COMB ULB17 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.58E-12	-6.83E-28
-1.51E-29	-4.30E-28	-2.60E-12	

COMB ULB18 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-243.000000	-11.664000
2.73E-13	-9.914400	-206.550000	
0.25000	.000000	-174.656250	-8.383500
2.73E-13	-5.412825	-112.767187	
0.50000	.000000	-111.375000	-5.346000
2.73E-13	-2.332800	-48.600000	
0.75000	.000000	-53.156250	-2.551500
2.73E-13	-0.564975	-11.770313	
1.00000	.000000	4.23E-12	2.96E-12
2.73E-13	-1.73E-12	-3.49E-12	

COMB ULB18 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-243.000000	-11.664000
2.73E-13	-9.914400	-206.550000	
0.25000	.000000	-174.656250	-8.383500
2.73E-13	-5.412825	-112.767187	
0.50000	.000000	-111.375000	-5.346000
2.73E-13	-2.332800	-48.600000	
0.75000	.000000	-53.156250	-2.551500
2.73E-13	-0.564975	-11.770313	
1.00000	.000000	4.23E-12	2.96E-12
2.73E-13	-1.73E-12	-3.49E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB01 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-1.55E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.55E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.55E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.55E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-6.41E-28
-1.55E-29	-3.54E-28	-9.55E-13	

COMB UEB01 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-1.55E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.55E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.55E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.55E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-6.41E-28
-1.55E-29	-3.54E-28	-9.55E-13	

COMB UEB02 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEB02 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEB03 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	-12.636000
2.96E-13	-10.740600	-172.125000	
0.25000	.000000	-145.546875	-9.082125
2.96E-13	-5.863894	-93.972656	
0.50000	.000000	-92.812500	-5.791500
2.96E-13	-2.527200	-40.500000	
0.75000	.000000	-44.296875	-2.764125
2.96E-13	-0.612056	-9.808594	
1.00000	.000000	3.53E-12	3.21E-12
2.96E-13	-1.87E-12	-2.91E-12	

COMB UEB03 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	-12.636000
2.96E-13	-10.740600	-172.125000	
0.25000	.000000	-145.546875	-9.082125
2.96E-13	-5.863894	-93.972656	
0.50000	.000000	-92.812500	-5.791500
2.96E-13	-2.527200	-40.500000	
0.75000	.000000	-44.296875	-2.764125
2.96E-13	-0.612056	-9.808594	
1.00000	.000000	3.53E-12	3.21E-12
2.96E-13	-1.87E-12	-2.91E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB04 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	-6.318000
1.48E-13	-5.370300	-172.125000	
0.25000	.000000	-145.546875	-4.541062
1.48E-13	-2.931947	-93.972656	
0.50000	.000000	-92.812500	-2.895750
1.48E-13	-1.263600	-40.500000	
0.75000	.000000	-44.296875	-1.382062
1.48E-13	-0.306028	-9.808594	
1.00000	.000000	3.53E-12	1.60E-12
1.48E-13	-9.36E-13	-1.73E-12	

COMB UEB04 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	-6.318000
1.48E-13	-5.370300	-172.125000	
0.25000	.000000	-145.546875	-4.541062
1.48E-13	-2.931947	-93.972656	
0.50000	.000000	-92.812500	-2.895750
1.48E-13	-1.263600	-40.500000	
0.75000	.000000	-44.296875	-1.382062
1.48E-13	-0.306028	-9.808594	
1.00000	.000000	3.53E-12	1.60E-12
1.48E-13	-9.36E-13	-1.73E-12	

COMB UEB05 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	-6.318000
1.48E-13	-5.370300	-172.125000	
0.25000	.000000	-145.546875	-4.541062
1.48E-13	-2.931947	-93.972656	
0.50000	.000000	-92.812500	-2.895750
1.48E-13	-1.263600	-40.500000	
0.75000	.000000	-44.296875	-1.382062
1.48E-13	-0.306028	-9.808594	
1.00000	.000000	3.53E-12	1.60E-12
1.48E-13	-9.36E-13	-2.91E-12	

COMB UEB05 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	-6.318000
1.48E-13	-5.370300	-172.125000	
0.25000	.000000	-145.546875	-4.541062
1.48E-13	-2.931947	-93.972656	
0.50000	.000000	-92.812500	-2.895750
1.48E-13	-1.263600	-40.500000	
0.75000	.000000	-44.296875	-1.382062
1.48E-13	-0.306028	-9.808594	
1.00000	.000000	3.53E-12	1.60E-12
1.48E-13	-9.36E-13	-2.91E-12	

COMB UEB06 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
4.73E-12	1.89E-11	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
4.73E-12	1.89E-11	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
4.73E-12	1.89E-11	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
4.73E-12	1.89E-11	-9.808594	
1.00000	.000000	3.53E-12	-5.55E-28
4.73E-12	1.89E-11	-1.73E-12	

COMB UEB06 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
4.73E-12	1.89E-11	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
4.73E-12	1.89E-11	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
4.73E-12	1.89E-11	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
4.73E-12	1.89E-11	-9.808594	
1.00000	.000000	3.53E-12	-5.55E-28
4.73E-12	1.89E-11	-1.73E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB07 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-5.55E-28
-1.26E-29	-3.36E-28	-1.73E-12	

COMB UEB07 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-5.55E-28
-1.26E-29	-3.36E-28	-1.73E-12	

COMB UEB08 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
4.73E-12	1.89E-11	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
4.73E-12	1.89E-11	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
4.73E-12	1.89E-11	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
4.73E-12	1.89E-11	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
4.73E-12	1.89E-11	-2.91E-12	

COMB UEB08 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
4.73E-12	1.89E-11	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
4.73E-12	1.89E-11	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
4.73E-12	1.89E-11	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
4.73E-12	1.89E-11	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
4.73E-12	1.89E-11	-2.91E-12	

COMB UEB09 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEB09 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB10 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-12.150000
4.83E-12	-10.327500	-163.518750	
0.25000	.000000	-138.269531	-8.732812
4.83E-12	-5.638359	-89.274023	
0.50000	.000000	-88.171875	-5.568750
4.83E-12	-2.430000	-38.475000	
0.75000	.000000	-42.082031	-2.657812
4.83E-12	-0.588516	-9.318164	
1.00000	.000000	3.35E-12	3.08E-12
4.83E-12	1.64E-11	-2.76E-12	

COMB UEB10 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-12.150000
4.83E-12	-10.327500	-163.518750	
0.25000	.000000	-138.269531	-8.732812
4.83E-12	-5.638359	-89.274023	
0.50000	.000000	-88.171875	-5.568750
4.83E-12	-2.430000	-38.475000	
0.75000	.000000	-42.082031	-2.657812
4.83E-12	-0.588516	-9.318164	
1.00000	.000000	3.35E-12	3.08E-12
4.83E-12	1.64E-11	-2.76E-12	

COMB UEB11 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-12.150000
2.84E-13	-10.327500	-163.518750	
0.25000	.000000	-138.269531	-8.732812
2.84E-13	-5.638359	-89.274023	
0.50000	.000000	-88.171875	-5.568750
2.84E-13	-2.430000	-38.475000	
0.75000	.000000	-42.082031	-2.657812
2.84E-13	-0.588516	-9.318164	
1.00000	.000000	3.35E-12	3.08E-12
2.84E-13	-1.80E-12	-2.76E-12	

COMB UEB11 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-12.150000
2.84E-13	-10.327500	-163.518750	
0.25000	.000000	-138.269531	-8.732812
2.84E-13	-5.638359	-89.274023	
0.50000	.000000	-88.171875	-5.568750
2.84E-13	-2.430000	-38.475000	
0.75000	.000000	-42.082031	-2.657812
2.84E-13	-0.588516	-9.318164	
1.00000	.000000	3.35E-12	3.08E-12
2.84E-13	-1.80E-12	-2.76E-12	

COMB UEB12 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
4.69E-12	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
4.69E-12	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
4.69E-12	-1.215000	-38.475000	
0.75000	.000000	-42.082031	-1.328906
4.69E-12	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
4.69E-12	1.73E-11	-1.63E-12	

COMB UEB12 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
4.69E-12	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
4.69E-12	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
4.69E-12	-1.215000	-38.475000	

0.75000	.000000	-42.082031	-1.328906
4.69E-12	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
4.69E-12	1.73E-11	-1.63E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB13 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
1.42E-13	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
1.42E-13	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
1.42E-13	-1.215000	-38.475000	
0.75000	.000000	-42.082031	-1.328906
1.42E-13	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
1.42E-13	-9.00E-13	-1.63E-12	

COMB UEB13 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
1.42E-13	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
1.42E-13	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
1.42E-13	-1.215000	-38.475000	
0.75000	.000000	-42.082031	-1.328906
1.42E-13	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
1.42E-13	-9.00E-13	-1.63E-12	

COMB UEB14 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
4.69E-12	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
4.69E-12	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
4.69E-12	-1.215000	-38.475000	
0.75000	.000000	-42.082031	-1.328906
4.69E-12	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
4.69E-12	1.73E-11	-2.76E-12	

COMB UEB14 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
4.69E-12	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
4.69E-12	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
4.69E-12	-1.215000	-38.475000	
0.75000	.000000	-42.082031	-1.328906
4.69E-12	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
4.69E-12	1.73E-11	-2.76E-12	

COMB UEB15 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
1.42E-13	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
1.42E-13	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
1.42E-13	-1.215000	-38.475000	
0.75000	.000000	-42.082031	-1.328906
1.42E-13	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
1.42E-13	-9.00E-13	-2.76E-12	

COMB UEB15 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-192.375000	-6.075000
1.42E-13	-5.163750	-163.518750	
0.25000	.000000	-138.269531	-4.366406
1.42E-13	-2.819180	-89.274023	
0.50000	.000000	-88.171875	-2.784375
1.42E-13	-1.215000	-38.475000	
0.75000	.000000	-42.082031	-1.328906
1.42E-13	-0.294258	-9.318164	
1.00000	.000000	3.35E-12	1.54E-12
1.42E-13	-9.00E-13	-2.76E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEB16 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEB16 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEB17 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	

0.50000 .000000 -92.812500 1.12E-14
-1.26E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.26E-29 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -5.55E-28
-1.26E-29 -3.36E-28 -1.73E-12

COMB UEB17 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.26E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.26E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.26E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.26E-29 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -5.55E-28
-1.26E-29 -3.36E-28 -1.73E-12

COMB UEB18 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -182.250000 -11.664000
2.73E-13 -9.914400 -154.912500
0.25000 .000000 -130.992187 -8.383500
2.73E-13 -5.412825 -84.575391
0.50000 .000000 -83.531250 -5.346000
2.73E-13 -2.332800 -36.450000
0.75000 .000000 -39.867187 -2.551500
2.73E-13 -0.564975 -8.827734
1.00000 .000000 3.17E-12 2.96E-12
2.73E-13 -1.73E-12 -2.62E-12

COMB UEB18 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -182.250000 -11.664000
2.73E-13 -9.914400 -154.912500
0.25000 .000000 -130.992187 -8.383500
2.73E-13 -5.412825 -84.575391
0.50000 .000000 -83.531250 -5.346000
2.73E-13 -2.332800 -36.450000
0.75000 .000000 -39.867187 -2.551500
2.73E-13 -0.564975 -8.827734
1.00000 .000000 3.17E-12 2.96E-12
2.73E-13 -1.73E-12 -2.62E-12
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB SVO01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -5.25E-28
-1.16E-29 -3.30E-28 -2.00E-12

COMB SVO01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -5.25E-28
-1.16E-29 -3.30E-28 -2.00E-12

COMB SVO02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-8.28E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-8.28E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-8.28E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-8.28E-30 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -4.24E-28
-8.28E-30 -3.10E-28 -2.91E-12

COMB SVO02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-8.28E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-8.28E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-8.28E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-8.28E-30 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -4.24E-28
-8.28E-30 -3.10E-28 -2.91E-12

COMB SVO03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.34E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.34E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.34E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.34E-29 1.19E-15 -9.808594
1.00000 .000000 2.62E-12 -4.24E-28
-1.34E-29 -3.10E-28 -1.27E-12

COMB SVO03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.34E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.34E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.34E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.34E-29 1.19E-15 -9.808594
1.00000 .000000 2.62E-12 -4.24E-28
-1.34E-29 -3.10E-28 -1.27E-12
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L F O R C E S

COMB SVO04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.50E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.50E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.50E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.50E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -5.25E-28
-1.50E-29 -3.56E-28 -1.16E-12

COMB SVO04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.50E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.50E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.50E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.50E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -5.25E-28
-1.50E-29 -3.56E-28 -1.16E-12

COMB SVO05 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -4.24E-28
-1.16E-29 -3.35E-28 -2.07E-12

COMB SVO05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -4.24E-28
-1.16E-29 -3.35E-28 -2.07E-12

COMB SVO06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.12E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.12E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.12E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.12E-29 1.19E-15 -9.808594
1.00000 7.28E-12 3.64E-12 -5.38E-28
-1.12E-29 -3.08E-28 -1.98E-12

COMB SVO06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.12E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.12E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.12E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.12E-29 1.19E-15 -9.808594
1.00000 7.28E-12 3.64E-12 -5.38E-28
-1.12E-29 -3.08E-28 -1.98E-12
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L F O R C E S

COMB SVO07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -5.25E-28
-1.16E-29 -3.30E-28 -2.00E-12

COMB SVO07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -5.25E-28
-1.16E-29 -3.30E-28 -2.00E-12

COMB SVO08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-7.84E-30 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-7.84E-30 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-7.84E-30 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-7.84E-30 1.19E-15 -9.808594
1.00000 7.28E-12 3.64E-12 -4.37E-28
-7.84E-30 -2.87E-28 -2.89E-12

COMB SVO08 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-7.84E-30 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-7.84E-30 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-7.84E-30 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-7.84E-30 1.19E-15 -9.808594
1.00000 7.28E-12 3.64E-12 -4.37E-28
-7.84E-30 -2.87E-28 -2.89E-12

COMB SVO09 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-8.28E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-8.28E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-8.28E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-8.28E-30 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -4.24E-28
-8.28E-30 -3.10E-28 -2.91E-12

COMB SVO09 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-8.28E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-8.28E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-8.28E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-8.28E-30 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -4.24E-28
-8.28E-30 -3.10E-28 -2.91E-12
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L F O R C E S

COMB SVO10 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.30E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.30E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.30E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.30E-29 1.19E-15 -9.808594
1.00000 7.28E-12 2.73E-12 -4.37E-28
-1.30E-29 -2.87E-28 -1.25E-12

COMB SVO10 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.30E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.30E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.30E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.30E-29 1.19E-15 -9.808594
1.00000 7.28E-12 2.73E-12 -4.37E-28
-1.30E-29 -2.87E-28 -1.25E-12

COMB SVO11 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.34E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.34E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.34E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.34E-29 1.19E-15 -9.808594
1.00000 .000000 2.62E-12 -4.24E-28
-1.34E-29 -3.10E-28 -1.27E-12

COMB SVO11 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.34E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.34E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.34E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.34E-29 1.19E-15 -9.808594
1.00000 .000000 2.62E-12 -4.24E-28
-1.34E-29 -3.10E-28 -1.27E-12

COMB SVO12 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.45E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.45E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.45E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.45E-29 1.19E-15 -9.808594
1.00000 7.28E-12 3.30E-12 -5.38E-28
-1.45E-29 -3.33E-28 -1.14E-12

COMB SVO12 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.45E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.45E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.45E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.45E-29 1.19E-15 -9.808594
1.00000 7.28E-12 3.30E-12 -5.38E-28
-1.45E-29 -3.33E-28 -1.14E-12
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L F O R C E S

COMB SVO13 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.50E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.50E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.50E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.50E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -5.25E-28
-1.50E-29 -3.56E-28 -1.16E-12

COMB SVO13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.50E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.50E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.50E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.50E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -5.25E-28
-1.50E-29 -3.56E-28 -1.16E-12

COMB SVO14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.12E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.12E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.12E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.12E-29 1.19E-15 -9.808594
1.00000 7.28E-12 3.30E-12 -4.37E-28
-1.12E-29 -3.13E-28 -2.05E-12

COMB SVO14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 7.28E-12 -202.500000 2.45E-14
-1.12E-29 2.08E-14 -172.125000
0.25000 7.28E-12 -145.546875 1.76E-14
-1.12E-29 1.14E-14 -93.972656
0.50000 7.28E-12 -92.812500 1.12E-14
-1.12E-29 4.90E-15 -40.500000
0.75000 7.28E-12 -44.296875 5.36E-15
-1.12E-29 1.19E-15 -9.808594
1.00000 7.28E-12 3.30E-12 -4.37E-28
-1.12E-29 -3.13E-28 -2.05E-12

COMB SVO15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -4.24E-28
-1.16E-29 -3.35E-28 -2.07E-12

COMB SVO15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -202.500000 2.45E-14
-1.16E-29 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-1.16E-29 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-1.16E-29 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-1.16E-29 1.19E-15 -9.808594
1.00000 .000000 3.19E-12 -4.24E-28
-1.16E-29 -3.35E-28 -2.07E-12
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L F O R C E S

COMB ULO01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -263.250000 3.19E-14
-1.80E-29 2.71E-14 -223.762500
0.25000 .000000 -189.210937 2.29E-14
-1.80E-29 1.48E-14 -122.164453
0.50000 .000000 -120.656250 1.46E-14
-1.80E-29 6.38E-15 -52.650000
0.75000 .000000 -57.585937 6.97E-15
-1.80E-29 1.54E-15 -12.751172
1.00000 .000000 4.59E-12 -7.69E-28
-1.80E-29 -4.47E-28 -1.83E-12

COMB ULO01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -263.250000 3.19E-14
-1.80E-29 2.71E-14 -223.762500
0.25000 .000000 -189.210937 2.29E-14
-1.80E-29 1.48E-14 -122.164453
0.50000 .000000 -120.656250 1.46E-14
-1.80E-29 6.38E-15 -52.650000
0.75000 .000000 -57.585937 6.97E-15
-1.80E-29 1.54E-15 -12.751172
1.00000 .000000 4.59E-12 -7.69E-28
-1.80E-29 -4.47E-28 -1.83E-12

COMB ULO02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 .000000 -263.250000 3.19E-14
-1.08E-29 2.71E-14 -223.762500
0.25000 .000000 -189.210937 2.29E-14
-1.08E-29 1.48E-14 -122.164453
0.50000 .000000 -120.656250 1.46E-14
-1.08E-29 6.38E-15 -52.650000
0.75000 .000000 -57.585937 6.97E-15
-1.08E-29 1.54E-15 -12.751172
1.00000 .000000 4.59E-12 -5.52E-28
-1.08E-29 -4.03E-28 -3.78E-12

COMB ULO02 ------------------ MIN

REL DIST P V2 V3

T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.08E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.08E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.08E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.08E-29	1.54E-15	-12.751172	
1.00000	.000000	4.59E-12	-5.52E-28
-1.08E-29	-4.03E-28	-3.78E-12	

COMB ULO03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.74E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.74E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.74E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.74E-29	1.54E-15	-12.751172	
1.00000	.000000	3.40E-12	-5.52E-28
-1.74E-29	-4.03E-28	-1.65E-12	

COMB ULO03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.74E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.74E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.74E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.74E-29	1.54E-15	-12.751172	
1.00000	.000000	3.40E-12	-5.52E-28
-1.74E-29	-4.03E-28	-1.65E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.95E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.95E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.95E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.95E-29	1.54E-15	-12.751172	
1.00000	.000000	4.14E-12	-6.83E-28
-1.95E-29	-4.62E-28	-1.51E-12	

COMB ULO04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.95E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.95E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.95E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.95E-29	1.54E-15	-12.751172	
1.00000	.000000	4.14E-12	-6.83E-28
-1.95E-29	-4.62E-28	-1.51E-12	

COMB ULO05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.14E-12	-5.52E-28
-1.51E-29	-4.36E-28	-2.69E-12	

COMB ULO05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.14E-12	-5.52E-28
-1.51E-29	-4.36E-28	-2.69E-12	

COMB ULO06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-263.250000	3.19E-14
-1.46E-29	2.71E-14	-223.762500	
0.25000	9.46E-12	-189.210937	2.29E-14
-1.46E-29	1.48E-14	-122.164453	
0.50000	9.46E-12	-120.656250	1.46E-14
-1.46E-29	6.38E-15	-52.650000	
0.75000	9.46E-12	-57.585937	6.97E-15
-1.46E-29	1.54E-15	-12.751172	
1.00000	9.46E-12	4.73E-12	-6.99E-28
-1.46E-29	-4.00E-28	-2.57E-12	

COMB ULO06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-263.250000	3.19E-14
-1.46E-29	2.71E-14	-223.762500	
0.25000	9.46E-12	-189.210937	2.29E-14
-1.46E-29	1.48E-14	-122.164453	
0.50000	9.46E-12	-120.656250	1.46E-14
-1.46E-29	6.38E-15	-52.650000	
0.75000	9.46E-12	-57.585937	6.97E-15
-1.46E-29	1.54E-15	-12.751172	
1.00000	9.46E-12	4.73E-12	-6.99E-28
-1.46E-29	-4.00E-28	-2.57E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.59E-12	-6.83E-28
-1.51E-29	-4.29E-28	-2.60E-12	

COMB ULO07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.59E-12	-6.83E-28
-1.51E-29	-4.29E-28	-2.60E-12	

COMB ULO08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-263.250000	3.19E-14
-1.02E-29	2.71E-14	-223.762500	
0.25000	9.46E-12	-189.210937	2.29E-14
-1.02E-29	1.48E-14	-122.164453	
0.50000	9.46E-12	-120.656250	1.46E-14
-1.02E-29	6.38E-15	-52.650000	
0.75000	9.46E-12	-57.585937	6.97E-15
-1.02E-29	1.54E-15	-12.751172	
1.00000	9.46E-12	4.73E-12	-5.68E-28
-1.02E-29	-3.74E-28	-3.75E-12	

COMB ULO08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-263.250000	3.19E-14
-1.02E-29	2.71E-14	-223.762500	
0.25000	9.46E-12	-189.210937	2.29E-14
-1.02E-29	1.48E-14	-122.164453	
0.50000	9.46E-12	-120.656250	1.46E-14
-1.02E-29	6.38E-15	-52.650000	
0.75000	9.46E-12	-57.585937	6.97E-15
-1.02E-29	1.54E-15	-12.751172	
1.00000	9.46E-12	4.73E-12	-5.68E-28
-1.02E-29	-3.74E-28	-3.75E-12	

COMB ULO09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.08E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.08E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.08E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.08E-29	1.54E-15	-12.751172	
1.00000	.000000	4.59E-12	-5.52E-28
-1.08E-29	-4.03E-28	-3.78E-12	

COMB ULO09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.08E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.08E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.08E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.08E-29	1.54E-15	-12.751172	
1.00000	.000000	4.59E-12	-5.52E-28
-1.08E-29	-4.03E-28	-3.78E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-253.125000	3.07E-14
-1.62E-29	2.61E-14	-215.156250	
0.25000	9.09E-12	-181.933594	2.20E-14
-1.62E-29	1.42E-14	-117.465820	
0.50000	9.09E-12	-116.015625	1.41E-14
-1.62E-29	6.13E-15	-50.625000	
0.75000	9.09E-12	-55.371094	6.71E-15
-1.62E-29	1.48E-15	-12.260742	
1.00000	9.09E-12	3.41E-12	-5.46E-28
-1.62E-29	-3.59E-28	-1.56E-12	

COMB ULO10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-253.125000	3.07E-14
-1.62E-29	2.61E-14	-215.156250	
0.25000	9.09E-12	-181.933594	2.20E-14
-1.62E-29	1.42E-14	-117.465820	
0.50000	9.09E-12	-116.015625	1.41E-14
-1.62E-29	6.13E-15	-50.625000	
0.75000	9.09E-12	-55.371094	6.71E-15
-1.62E-29	1.48E-15	-12.260742	
1.00000	9.09E-12	3.41E-12	-5.46E-28
-1.62E-29	-3.59E-28	-1.56E-12	

COMB ULO11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-253.125000	3.07E-14
-1.68E-29	2.61E-14	-215.156250	
0.25000	.000000	-181.933594	2.20E-14
-1.68E-29	1.42E-14	-117.465820	
0.50000	.000000	-116.015625	1.41E-14
-1.68E-29	6.13E-15	-50.625000	
0.75000	.000000	-55.371094	6.71E-15
-1.68E-29	1.48E-15	-12.260742	
1.00000	.000000	3.27E-12	-5.30E-28
-1.68E-29	-3.88E-28	-1.59E-12	

COMB ULO11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-253.125000	3.07E-14
-1.68E-29	2.61E-14	-215.156250	
0.25000	.000000	-181.933594	2.20E-14
-1.68E-29	1.42E-14	-117.465820	
0.50000	.000000	-116.015625	1.41E-14
-1.68E-29	6.13E-15	-50.625000	
0.75000	.000000	-55.371094	6.71E-15
-1.68E-29	1.48E-15	-12.260742	
1.00000	.000000	3.27E-12	-5.30E-28
-1.68E-29	-3.88E-28	-1.59E-12	

COMB ULO12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-253.125000	3.07E-14
-1.82E-29	2.61E-14	-215.156250	
0.25000	9.09E-12	-181.933594	2.20E-14
-1.82E-29	1.42E-14	-117.465820	
0.50000	9.09E-12	-116.015625	1.41E-14
-1.82E-29	6.13E-15	-50.625000	
0.75000	9.09E-12	-55.371094	6.71E-15
-1.82E-29	1.48E-15	-12.260742	
1.00000	9.09E-12	4.12E-12	-6.72E-28
-1.82E-29	-4.16E-28	-1.42E-12	

COMB ULO12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-253.125000	3.07E-14
-1.82E-29	2.61E-14	-215.156250	
0.25000	9.09E-12	-181.933594	2.20E-14
-1.82E-29	1.42E-14	-117.465820	
0.50000	9.09E-12	-116.015625	1.41E-14
-1.82E-29	6.13E-15	-50.625000	
0.75000	9.09E-12	-55.371094	6.71E-15
-1.82E-29	1.48E-15	-12.260742	
1.00000	9.09E-12	4.12E-12	-6.72E-28
-1.82E-29	-4.16E-28	-1.42E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-253.125000	3.07E-14
-1.87E-29	2.61E-14	-215.156250	
0.25000	.000000	-181.933594	2.20E-14
-1.87E-29	1.42E-14	-117.465820	
0.50000	.000000	-116.015625	1.41E-14
-1.87E-29	6.13E-15	-50.625000	
0.75000	.000000	-55.371094	6.71E-15
-1.87E-29	1.48E-15	-12.260742	
1.00000	.000000	3.98E-12	-6.57E-28
-1.87E-29	-4.44E-28	-1.45E-12	

COMB ULO13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-253.125000	3.07E-14
-1.87E-29	2.61E-14	-215.156250	
0.25000	.000000	-181.933594	2.20E-14
-1.87E-29	1.42E-14	-117.465820	
0.50000	.000000	-116.015625	1.41E-14
-1.87E-29	6.13E-15	-50.625000	
0.75000	.000000	-55.371094	6.71E-15
-1.87E-29	1.48E-15	-12.260742	
1.00000	.000000	3.98E-12	-6.57E-28
-1.87E-29	-4.44E-28	-1.45E-12	

COMB ULO14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-253.125000	3.07E-14
-1.40E-29	2.61E-14	-215.156250	
0.25000	9.09E-12	-181.933594	2.20E-14
-1.40E-29	1.42E-14	-117.465820	
0.50000	9.09E-12	-116.015625	1.41E-14
-1.40E-29	6.13E-15	-50.625000	
0.75000	9.09E-12	-55.371094	6.71E-15
-1.40E-29	1.48E-15	-12.260742	
1.00000	9.09E-12	4.12E-12	-5.46E-28
-1.40E-29	-3.91E-28	-2.56E-12	

COMB ULO14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-253.125000	3.07E-14
-1.40E-29	2.61E-14	-215.156250	
0.25000	9.09E-12	-181.933594	2.20E-14
-1.40E-29	1.42E-14	-117.465820	
0.50000	9.09E-12	-116.015625	1.41E-14
-1.40E-29	6.13E-15	-50.625000	
0.75000	9.09E-12	-55.371094	6.71E-15
-1.40E-29	1.48E-15	-12.260742	
1.00000	9.09E-12	4.12E-12	-5.46E-28
-1.40E-29	-3.91E-28	-2.56E-12	

COMB ULO15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-253.125000	3.07E-14
-1.45E-29	2.61E-14	-215.156250	
0.25000	.000000	-181.933594	2.20E-14
-1.45E-29	1.42E-14	-117.465820	
0.50000	.000000	-116.015625	1.41E-14
-1.45E-29	6.13E-15	-50.625000	
0.75000	.000000	-55.371094	6.71E-15
-1.45E-29	1.48E-15	-12.260742	
1.00000	.000000	3.98E-12	-5.30E-28
-1.45E-29	-4.19E-28	-2.59E-12	

COMB ULO15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-253.125000	3.07E-14
-1.45E-29	2.61E-14	-215.156250	
0.25000	.000000	-181.933594	2.20E-14
-1.45E-29	1.42E-14	-117.465820	
0.50000	.000000	-116.015625	1.41E-14
-1.45E-29	6.13E-15	-50.625000	
0.75000	.000000	-55.371094	6.71E-15
-1.45E-29	1.48E-15	-12.260742	
1.00000	.000000	3.98E-12	-5.30E-28
-1.45E-29	-4.19E-28	-2.59E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB ULO16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB ULO17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.59E-12	-6.83E-28
-1.51E-29	-4.29E-28	-2.60E-12	

COMB ULO17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.51E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.51E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.51E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.51E-29	1.54E-15	-12.751172	
1.00000	.000000	4.59E-12	-6.83E-28
-1.51E-29	-4.29E-28	-2.60E-12	

COMB ULO18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-243.000000	2.94E-14
-1.61E-29	2.50E-14	-206.550000	
0.25000	.000000	-174.656250	2.12E-14
-1.61E-29	1.37E-14	-112.767187	
0.50000	.000000	-111.375000	1.35E-14
-1.61E-29	5.89E-15	-48.600000	
0.75000	.000000	-53.156250	6.44E-15
-1.61E-29	1.43E-15	-11.770313	
1.00000	.000000	3.14E-12	-5.09E-28
-1.61E-29	-3.72E-28	-1.53E-12	

COMB ULO18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-243.000000	2.94E-14
-1.61E-29	2.50E-14	-206.550000	
0.25000	.000000	-174.656250	2.12E-14
-1.61E-29	1.37E-14	-112.767187	
0.50000	.000000	-111.375000	1.35E-14
-1.61E-29	5.89E-15	-48.600000	
0.75000	.000000	-53.156250	6.44E-15
-1.61E-29	1.43E-15	-11.770313	
1.00000	.000000	3.14E-12	-5.09E-28
-1.61E-29	-3.72E-28	-1.53E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO01 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.55E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.55E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.55E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.55E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-6.41E-28
-1.55E-29	-3.54E-28	-9.55E-13	

COMB UEO01 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.55E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.55E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.55E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.55E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-6.41E-28
-1.55E-29	-3.54E-28	-9.55E-13	

COMB UEO02 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEO02 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28

-8.28E-30 -3.10E-28 -2.91E-12

COMB UEO03 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.49E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.49E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.49E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.49E-29	1.19E-15	-9.808594	
1.00000	.000000	2.34E-12	-4.24E-28
-1.49E-29	-3.10E-28	-7.82E-13	

COMB UEO03 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.49E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.49E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.49E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.49E-29	1.19E-15	-9.808594	
1.00000	.000000	2.34E-12	-4.24E-28
-1.49E-29	-3.10E-28	-7.82E-13	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO04 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.70E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.70E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.70E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.70E-29	1.19E-15	-9.808594	
1.00000	.000000	3.08E-12	-5.56E-28
-1.70E-29	-3.69E-28	-6.34E-13	

COMB UEO04 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.70E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.70E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.70E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.70E-29	1.19E-15	-9.808594	
1.00000	.000000	3.08E-12	-5.56E-28
-1.70E-29	-3.69E-28	-6.34E-13	

COMB UEO05 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.08E-12	-4.24E-28
-1.26E-29	-3.43E-28	-1.82E-12	

COMB UEO05 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.08E-12	-4.24E-28
-1.26E-29	-3.43E-28	-1.82E-12	

COMB UEO06 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-202.500000	2.45E-14
-1.21E-29	2.08E-14	-172.125000	
0.25000	9.46E-12	-145.546875	1.76E-14
-1.21E-29	1.14E-14	-93.972656	
0.50000	9.46E-12	-92.812500	1.12E-14
-1.21E-29	4.90E-15	-40.500000	
0.75000	9.46E-12	-44.296875	5.36E-15
-1.21E-29	1.19E-15	-9.808594	
1.00000	9.46E-12	3.67E-12	-5.72E-28
-1.21E-29	-3.07E-28	-1.70E-12	

COMB UEO06 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-202.500000	2.45E-14
-1.21E-29	2.08E-14	-172.125000	
0.25000	9.46E-12	-145.546875	1.76E-14
-1.21E-29	1.14E-14	-93.972656	
0.50000	9.46E-12	-92.812500	1.12E-14
-1.21E-29	4.90E-15	-40.500000	
0.75000	9.46E-12	-44.296875	5.36E-15
-1.21E-29	1.19E-15	-9.808594	
1.00000	9.46E-12	3.67E-12	-5.72E-28
-1.21E-29	-3.07E-28	-1.70E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO07 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-5.56E-28
-1.26E-29	-3.36E-28	-1.73E-12	

COMB UEO07 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-5.56E-28
-1.26E-29	-3.36E-28	-1.73E-12	

COMB UEO08 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-202.500000	2.45E-14
-7.71E-30	2.08E-14	-172.125000	
0.25000	9.46E-12	-145.546875	1.76E-14
-7.71E-30	1.14E-14	-93.972656	
0.50000	9.46E-12	-92.812500	1.12E-14
-7.71E-30	4.90E-15	-40.500000	
0.75000	9.46E-12	-44.296875	5.36E-15
-7.71E-30	1.19E-15	-9.808594	
1.00000	9.46E-12	3.67E-12	-4.41E-28
-7.71E-30	-2.81E-28	-2.88E-12	

COMB UEO08 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.46E-12	-202.500000	2.45E-14
-7.71E-30	2.08E-14	-172.125000	
0.25000	9.46E-12	-145.546875	1.76E-14
-7.71E-30	1.14E-14	-93.972656	
0.50000	9.46E-12	-92.812500	1.12E-14
-7.71E-30	4.90E-15	-40.500000	
0.75000	9.46E-12	-44.296875	5.36E-15
-7.71E-30	1.19E-15	-9.808594	
1.00000	9.46E-12	3.67E-12	-4.41E-28
-7.71E-30	-2.81E-28	-2.88E-12	

COMB UEO09 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEO09 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO10 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-192.375000	2.33E-14
-1.37E-29	1.98E-14	-163.518750	
0.25000	9.09E-12	-138.269531	1.67E-14
-1.37E-29	1.08E-14	-89.274023	
0.50000	9.09E-12	-88.171875	1.07E-14
-1.37E-29	4.66E-15	-38.475000	
0.75000	9.09E-12	-42.082031	5.10E-15
-1.37E-29	1.13E-15	-9.318164	
1.00000	9.09E-12	2.36E-12	-4.19E-28
-1.37E-29	-2.66E-28	-6.90E-13	

COMB UEO10 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-192.375000	2.33E-14
-1.37E-29	1.98E-14	-163.518750	
0.25000	9.09E-12	-138.269531	1.67E-14
-1.37E-29	1.08E-14	-89.274023	
0.50000	9.09E-12	-88.171875	1.07E-14
-1.37E-29	4.66E-15	-38.475000	
0.75000	9.09E-12	-42.082031	5.10E-15
-1.37E-29	1.13E-15	-9.318164	
1.00000	9.09E-12	2.36E-12	-4.19E-28
-1.37E-29	-2.66E-28	-6.90E-13	

COMB UEO11 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-192.375000	2.33E-14
-1.43E-29	1.98E-14	-163.518750	
0.25000	.000000	-138.269531	1.67E-14
-1.43E-29	1.08E-14	-89.274023	
0.50000	.000000	-88.171875	1.07E-14
-1.43E-29	4.66E-15	-38.475000	
0.75000	.000000	-42.082031	5.10E-15
-1.43E-29	1.13E-15	-9.318164	
1.00000	.000000	2.21E-12	-4.03E-28
-1.43E-29	-2.95E-28	-7.18E-13	

COMB UEO11 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-192.375000	2.33E-14
-1.43E-29	1.98E-14	-163.518750	
0.25000	.000000	-138.269531	1.67E-14
-1.43E-29	1.08E-14	-89.274023	
0.50000	.000000	-88.171875	1.07E-14
-1.43E-29	4.66E-15	-38.475000	
0.75000	.000000	-42.082031	5.10E-15
-1.43E-29	1.13E-15	-9.318164	
1.00000	.000000	2.21E-12	-4.03E-28
-1.43E-29	-2.95E-28	-7.18E-13	

COMB UEO12 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-192.375000	2.33E-14
-1.57E-29	1.98E-14	-163.518750	
0.25000	9.09E-12	-138.269531	1.67E-14
-1.57E-29	1.08E-14	-89.274023	
0.50000	9.09E-12	-88.171875	1.07E-14
-1.57E-29	4.66E-15	-38.475000	
0.75000	9.09E-12	-42.082031	5.10E-15
-1.57E-29	1.13E-15	-9.318164	
1.00000	9.09E-12	3.07E-12	-5.45E-28
-1.57E-29	-3.23E-28	-5.48E-13	

COMB UEO12 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-192.375000	2.33E-14
-1.57E-29	1.98E-14	-163.518750	
0.25000	9.09E-12	-138.269531	1.67E-14
-1.57E-29	1.08E-14	-89.274023	
0.50000	9.09E-12	-88.171875	1.07E-14
-1.57E-29	4.66E-15	-38.475000	
0.75000	9.09E-12	-42.082031	5.10E-15
-1.57E-29	1.13E-15	-9.318164	
1.00000	9.09E-12	3.07E-12	-5.45E-28
-1.57E-29	-3.23E-28	-5.48E-13	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO13 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-192.375000	2.33E-14
-1.63E-29	1.98E-14	-163.518750	
0.25000	.000000	-138.269531	1.67E-14
-1.63E-29	1.08E-14	-89.274023	
0.50000	.000000	-88.171875	1.07E-14
-1.63E-29	4.66E-15	-38.475000	
0.75000	.000000	-42.082031	5.10E-15
-1.63E-29	1.13E-15	-9.318164	
1.00000	.000000	2.92E-12	-5.29E-28
-1.63E-29	-3.51E-28	-5.76E-13	

COMB UEO13 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-192.375000	2.33E-14
-1.63E-29	1.98E-14	-163.518750	
0.25000	.000000	-138.269531	1.67E-14
-1.63E-29	1.08E-14	-89.274023	
0.50000	.000000	-88.171875	1.07E-14
-1.63E-29	4.66E-15	-38.475000	
0.75000	.000000	-42.082031	5.10E-15
-1.63E-29	1.13E-15	-9.318164	
1.00000	.000000	2.92E-12	-5.29E-28
-1.63E-29	-3.51E-28	-5.76E-13	

COMB UEO14 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-192.375000	2.33E-14
-1.15E-29	1.98E-14	-163.518750	
0.25000	9.09E-12	-138.269531	1.67E-14
-1.15E-29	1.08E-14	-89.274023	
0.50000	9.09E-12	-88.171875	1.07E-14
-1.15E-29	4.66E-15	-38.475000	
0.75000	9.09E-12	-42.082031	5.10E-15
-1.15E-29	1.13E-15	-9.318164	
1.00000	9.09E-12	3.07E-12	-4.19E-28
-1.15E-29	-2.98E-28	-1.68E-12	

COMB UEO14 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.09E-12	-192.375000	2.33E-14
-1.15E-29	1.98E-14	-163.518750	
0.25000	9.09E-12	-138.269531	1.67E-14
-1.15E-29	1.08E-14	-89.274023	
0.50000	9.09E-12	-88.171875	1.07E-14
-1.15E-29	4.66E-15	-38.475000	
0.75000	9.09E-12	-42.082031	5.10E-15
-1.15E-29	1.13E-15	-9.318164	
1.00000	9.09E-12	3.07E-12	-4.19E-28
-1.15E-29	-2.98E-28	-1.68E-12	

COMB UEO15 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-192.375000	2.33E-14
-1.21E-29	1.98E-14	-163.518750	
0.25000	.000000	-138.269531	1.67E-14
-1.21E-29	1.08E-14	-89.274023	
0.50000	.000000	-88.171875	1.07E-14
-1.21E-29	4.66E-15	-38.475000	
0.75000	.000000	-42.082031	5.10E-15
-1.21E-29	1.13E-15	-9.318164	
1.00000	.000000	2.92E-12	-4.03E-28
-1.21E-29	-3.26E-28	-1.71E-12	

COMB UEO15 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-192.375000	2.33E-14
-1.21E-29	1.98E-14	-163.518750	
0.25000	.000000	-138.269531	1.67E-14
-1.21E-29	1.08E-14	-89.274023	
0.50000	.000000	-88.171875	1.07E-14
-1.21E-29	4.66E-15	-38.475000	
0.75000	.000000	-42.082031	5.10E-15
-1.21E-29	1.13E-15	-9.318164	
1.00000	.000000	2.92E-12	-4.03E-28
-1.21E-29	-3.26E-28	-1.71E-12	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO16 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEO16 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-2.91E-12	

COMB UEO17 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-5.56E-28
-1.26E-29	-3.36E-28	-1.73E-12	

COMB UEO17 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.26E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.26E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.26E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.26E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-5.56E-28
-1.26E-29	-3.36E-28	-1.73E-12	

COMB UEO18 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-182.250000	2.21E-14
-1.36E-29	1.88E-14	-154.912500	
0.25000	.000000	-130.992187	1.59E-14
-1.36E-29	1.02E-14	-84.575391	
0.50000	.000000	-83.531250	1.01E-14
-1.36E-29	4.41E-15	-36.450000	
0.75000	.000000	-39.867187	4.83E-15
-1.36E-29	1.07E-15	-8.827734	
1.00000	.000000	2.08E-12	-3.82E-28
-1.36E-29	-2.79E-28	-6.54E-13	

COMB UEO18 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-182.250000	2.21E-14
-1.36E-29	1.88E-14	-154.912500	
0.25000	.000000	-130.992187	1.59E-14
-1.36E-29	1.02E-14	-84.575391	
0.50000	.000000	-83.531250	1.01E-14
-1.36E-29	4.41E-15	-36.450000	
0.75000	.000000	-39.867187	4.83E-15
-1.36E-29	1.07E-15	-8.827734	
1.00000	.000000	2.08E-12	-3.82E-28
-1.36E-29	-2.79E-28	-6.54E-13	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVBULT ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.80E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.80E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.80E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.80E-29	1.54E-15	-12.751172	
1.00000	.000000	4.58E-12	-7.69E-28
-1.80E-29	-4.47E-28	-1.83E-12	

COMB ENVBULT ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.80E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.80E-29	1.48E-14	-122.164453	
0.50000	.000000	-120.656250	1.46E-14
-1.80E-29	6.38E-15	-52.650000	
0.75000	.000000	-57.585937	6.97E-15
-1.80E-29	1.54E-15	-12.751172	
1.00000	.000000	4.58E-12	-7.69E-28
-1.80E-29	-4.47E-28	-1.83E-12	

COMB ENVBECC ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-8.28E-30	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-8.28E-30	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-8.28E-30	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-8.28E-30	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-4.24E-28
-8.28E-30	-3.10E-28	-9.55E-13	

COMB ENVBECC ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-202.500000	2.45E-14
-1.55E-29	2.08E-14	-172.125000	
0.25000	.000000	-145.546875	1.76E-14
-1.55E-29	1.14E-14	-93.972656	
0.50000	.000000	-92.812500	1.12E-14
-1.55E-29	4.90E-15	-40.500000	
0.75000	.000000	-44.296875	5.36E-15
-1.55E-29	1.19E-15	-9.808594	
1.00000	.000000	3.53E-12	-6.41E-28
-1.55E-29	-3.54E-28	-2.91E-12	

COMB ENVOULT ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	-263.250000	3.19E-14
-1.80E-29	2.71E-14	-223.762500	
0.25000	.000000	-189.210937	2.29E-14
-1.80E-29	1.48E-14	-122.164453	

```
 0.50000      .000000 -120.656250     1.46E-14
-1.80E-29     6.38E-15  -52.650000
 0.75000      .000000  -57.585937     6.97E-15
-1.80E-29     1.54E-15  -12.751172
 1.00000      .000000    4.59E-12    -7.69E-28
-1.80E-29    -4.47E-28   -1.83E-12

 COMB ENVOULT ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000      .000000 -263.250000     3.19E-14
-1.80E-29     2.71E-14 -223.762500
 0.25000      .000000 -189.210937     2.29E-14
-1.80E-29     1.48E-14 -122.164453
 0.50000      .000000 -120.656250     1.46E-14
-1.80E-29     6.38E-15  -52.650000
 0.75000      .000000  -57.585937     6.97E-15
-1.80E-29     1.54E-15  -12.751172
 1.00000      .000000    4.59E-12    -7.69E-28
-1.80E-29    -4.47E-28   -1.83E-12
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L   F O R C E S

 COMB ENVOECC ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000      .000000 -202.500000     2.45E-14
-8.28E-30     2.08E-14 -172.125000
 0.25000      .000000 -145.546875     1.76E-14
-8.28E-30     1.14E-14  -93.972656
 0.50000      .000000  -92.812500     1.12E-14
-8.28E-30     4.90E-15  -40.500000
 0.75000      .000000  -44.296875     5.36E-15
-8.28E-30     1.19E-15   -9.808594
 1.00000      .000000    3.53E-12    -4.24E-28
-8.28E-30    -3.10E-28   -9.55E-13

 COMB ENVOECC ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000      .000000 -202.500000     2.45E-14
-1.55E-29     2.08E-14 -172.125000
 0.25000      .000000 -145.546875     1.76E-14
-1.55E-29     1.14E-14  -93.972656
 0.50000      .000000  -92.812500     1.12E-14
-1.55E-29     4.90E-15  -40.500000
 0.75000      .000000  -44.296875     5.36E-15
-1.55E-29     1.19E-15   -9.808594
 1.00000      .000000    3.53E-12    -6.41E-28
-1.55E-29    -3.54E-28   -2.91E-12

 ELEM       17 ================== LENGTH =
11.130000

 LOAD        D ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660     4.98E-16
-7.74E-15     1.84E-15   -1842.606
 0.35593   -7128.088  -302.328660     4.98E-16
-7.74E-15     6.54E-16   -1120.192
 0.57062   -7355.170  -302.328660     4.98E-16
-7.74E-15    -5.34E-16  -397.777574
 0.78531   -7582.252  -302.328660     4.98E-16
-7.74E-15    -1.72E-15   324.636758
 1.00000   -7809.334  -302.328660     4.98E-16
-7.74E-15    -2.91E-15   1047.051

 LOAD        L1 ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -1772.072   -95.664637     1.59E-16
-2.56E-15     5.90E-16  -559.732574
 0.35593   -1772.072   -95.664637     1.59E-16
-2.56E-15     2.10E-16  -331.141925
 0.57062   -1772.072   -95.664637     1.59E-16
-2.56E-15    -1.71E-16  -102.551275
 0.78531   -1772.072   -95.664637     1.59E-16
-2.56E-15    -5.52E-16   126.039374
 1.00000   -1772.072   -95.664637     1.59E-16
-2.56E-15    -9.32E-16   354.630024

 LOAD     W-LO ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -7.28E-18   -1.14E-17    39.293473
-6.949829   -52.874143   -4.83E-17
 0.35593    -7.28E-18   -1.14E-17    47.178823
-6.949829   -156.186920  -2.12E-17
 0.57062    -7.28E-18   -1.14E-17    55.064173
-6.949829   -278.341740   5.99E-18
 0.78531    -7.28E-18   -1.14E-17    60.881314
-6.949829   -418.690500   3.32E-17
 1.00000    -7.28E-18   -1.14E-17    60.881314
-6.949829   -564.166401   6.03E-17

 LOAD     G-LO2 ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -1.09E-16   -4.75E-16   287.431469
-39.217459  -817.676089   -2.59E-15
 0.35593    -1.09E-16   -4.75E-16   287.431469
-39.217459   -1504.494   -1.45E-15
 0.57062    -1.09E-16   -4.75E-16   287.431469
-39.217459   -2191.311   -3.15E-16
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L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.78531    -1.09E-16   -4.75E-16   287.431469
-39.217459   -2878.129    8.20E-16
 1.00000    -1.09E-16   -4.75E-16   287.431469
-39.217459   -3564.946    1.96E-15

 LOAD     E-LO ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124      .000000     .000000     .000000
 .000000      .000000     .000000
 0.35593      .000000     .000000     .000000
 .000000      .000000     .000000
 0.57062      .000000     .000000     .000000
 .000000      .000000     .000000
 0.78531      .000000     .000000     .000000
 .000000      .000000     .000000
 1.00000      .000000     .000000     .000000
 .000000      .000000     .000000

 LOAD     W-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    1087.314  -384.224591     3.71E-16
-2.47E-15     1.37E-15   -1570.599
 0.35593    1087.314  -392.109941     3.71E-16
-2.47E-15     4.88E-16  -643.073534
 0.57062    1087.314  -399.995291     3.71E-16
-2.47E-15    -3.98E-16   303.294193
 0.78531    1087.314  -405.812432     3.71E-16
-2.47E-15    -1.28E-15    1267.856
 1.00000    1087.314  -405.812432     3.71E-16
-2.47E-15    -2.17E-15    2237.545

 LOAD     WL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   145.961940   -42.600712     4.96E-17
-3.29E-16     1.84E-16  -161.290587
 0.35593   145.961940   -42.600712     4.96E-17
-3.29E-16     6.52E-17   -59.496186
 0.57062   145.961940   -42.600712     4.96E-17
-3.29E-16    -5.33E-17    42.298215
 0.78531   145.961940   -42.600712     4.96E-17
-3.29E-16    -1.72E-16   144.092616
 1.00000   145.961940   -42.600712     4.96E-17
-3.29E-16    -2.90E-16   245.887017

 LOAD     G-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -2.564738    67.388843     7.76E-17
-1.27E-15     2.88E-16   266.169183
 0.35593    -2.564738    67.388843     7.76E-17
-1.27E-15     1.02E-16   105.143542
 0.57062    -2.564738    67.388843     7.76E-17
-1.27E-15    -8.34E-17   -55.882100
 0.78531    -2.564738    67.388843     7.76E-17
-1.27E-15    -2.69E-16  -216.907741
 1.00000    -2.564738    67.388843     7.76E-17
-1.27E-15    -4.54E-16  -377.933382

 LOAD     E-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124      .000000     .000000     .000000
 .000000      .000000     .000000
 0.35593      .000000     .000000     .000000
 .000000      .000000     .000000
 0.57062      .000000     .000000     .000000
 .000000      .000000     .000000
 0.78531      .000000     .000000     .000000
 .000000      .000000     .000000
 1.00000      .000000     .000000     .000000
 .000000      .000000     .000000

 LOAD     Q1-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    0.568113   -0.014015     1.93E-19
-1.28E-18     7.15E-19   -1.733153
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L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.35593    0.568113   -0.014015     1.93E-19
-1.28E-18     2.54E-19   -1.699665
 0.57062    0.568113   -0.014015     1.93E-19
-1.28E-18    -2.07E-19   -1.666177
 0.78531    0.568113   -4.960015     1.93E-19
-1.28E-18    -6.69E-19   -0.294449
 1.00000    0.568113   -4.960015     1.93E-19
-1.28E-18    -1.13E-18   11.557506

 LOAD     COL-TR ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    1.846008   -0.045539     6.27E-19
-4.15E-18     2.32E-18   -5.631649
 0.35593    1.846008   -0.045539     6.27E-19
-4.15E-18     8.25E-19   -5.522833
 0.57062    1.846008   -0.045539     6.27E-19
-4.15E-18    -6.74E-19   -5.414018
 0.78531    1.846008   -12.545539    6.27E-19
-4.15E-18    -2.17E-18    2.528922
 1.00000    1.846008   -12.545539    6.27E-19
-4.15E-18    -3.67E-18   32.506487

 COMB     SVB01 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296     6.57E-16
-1.03E-14     2.43E-15   -2402.339
 0.35593   -8900.159  -397.993296     6.57E-16
-1.03E-14     8.64E-16   -1451.334
 0.57062   -9127.241  -397.993296     6.57E-16
-1.03E-14    -7.06E-16  -500.328849
 0.78531   -9354.323  -397.993296     6.57E-16
-1.03E-14    -2.28E-15   450.676132
 1.00000   -9581.405  -397.993296     6.57E-16
-1.03E-14    -3.84E-15    1401.681

 COMB     SVB01 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296     6.57E-16
-1.03E-14     2.43E-15   -2402.339
 0.35593   -8900.159  -397.993296     6.57E-16
-1.03E-14     8.64E-16   -1451.334
 0.57062   -9127.241  -397.993296     6.57E-16
-1.03E-14    -7.06E-16  -500.328849
 0.78531   -9354.323  -397.993296     6.57E-16
-1.03E-14    -2.28E-15   450.676132
 1.00000   -9581.405  -397.993296     6.57E-16
-1.03E-14    -3.84E-15    1401.681

 COMB     SVB02 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660     4.98E-16
-7.74E-15     1.84E-15   -1842.606
 0.35593   -7128.088  -302.328660     4.98E-16
-7.74E-15     6.54E-16   -1120.192
 0.57062   -7355.170  -302.328660     4.98E-16
-7.74E-15    -5.34E-16  -397.777574
 0.78531   -7582.252  -302.328660     4.98E-16
-7.74E-15    -1.72E-15   324.636758
 1.00000   -7809.334  -302.328660     4.98E-16
-7.74E-15    -2.91E-15   1047.051

 COMB     SVB02 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660     4.98E-16
-7.74E-15     1.84E-15   -1842.606
 0.35593   -7128.088  -302.328660     4.98E-16
-7.74E-15     6.54E-16   -1120.192
 0.57062   -7355.170  -302.328660     4.98E-16
-7.74E-15    -5.34E-16  -397.777574
 0.78531   -7582.252  -302.328660     4.98E-16
-7.74E-15    -1.72E-15   324.636758
 1.00000   -7809.334  -302.328660     4.98E-16
-7.74E-15    -2.91E-15   1047.051
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L   F O R C E S

 COMB     SVB03 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    39.293473
-6.949829   -52.874143   -1842.606
 0.35593   -7128.088  -302.328660    47.178823
-6.949829   -156.186920   -1120.192
 0.57062   -7355.170  -302.328660    55.064173
-6.949829   -278.341740  -397.777574
 0.78531   -7582.252  -302.328660    60.881314
-6.949829   -418.690500   324.636758
 1.00000   -7809.334  -302.328660    60.881314
-6.949829   -564.166401   1047.051

 COMB     SVB03 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    39.293473
-6.949829   -52.874143   -1842.606
 0.35593   -7128.088  -302.328660    47.178823
-6.949829   -156.186920   -1120.192
 0.57062   -7355.170  -302.328660    55.064173
-6.949829   -278.341740  -397.777574
 0.78531   -7582.252  -302.328660    60.881314
-6.949829   -418.690500   324.636758
 1.00000   -7809.334  -302.328660    60.881314
-6.949829   -564.166401   1047.051

 COMB     SVB04 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296    19.646737
-3.474914   -26.437072   -2402.339
 0.35593   -8900.159  -397.993296    23.589412
-3.474914   -78.093460   -1451.334
 0.57062   -9127.241  -397.993296    27.532087
-3.474914   -139.170870  -500.328849
 0.78531   -9354.323  -397.993296    30.440657
-3.474914   -209.345250   450.676132
 1.00000   -9581.405  -397.993296    30.440657
-3.474914   -282.083200   1401.681

 COMB     SVB04 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296    19.646737
-3.474914   -26.437072   -2402.339
 0.35593   -8900.159  -397.993296    23.589412
-3.474914   -78.093460   -1451.334
 0.57062   -9127.241  -397.993296    27.532087
-3.474914   -139.170870  -500.328849
 0.78531   -9354.323  -397.993296    30.440657
-3.474914   -209.345250   450.676132
 1.00000   -9581.405  -397.993296    30.440657
-3.474914   -282.083200   1401.681

 COMB     SVB05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    19.646737
-3.474914   -26.437072   -1842.606
 0.35593   -7128.088  -302.328660    23.589412
-3.474914   -78.093460   -1120.192
 0.57062   -7355.170  -302.328660    27.532087
-3.474914   -139.170870  -397.777574
 0.78531   -7582.252  -302.328660    30.440657
-3.474914   -209.345250   324.636758
 1.00000   -7809.334  -302.328660    30.440657
-3.474914   -282.083200   1047.051

 COMB     SVB05 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    19.646737
-3.474914   -26.437072   -1842.606
 0.35593   -7128.088  -302.328660    23.589412
-3.474914   -78.093460   -1120.192
 0.57062   -7355.170  -302.328660    27.532087
-3.474914   -139.170870  -397.777574
 0.78531   -7582.252  -302.328660    30.440657
-3.474914   -209.345250   324.636758
 1.00000   -7809.334  -302.328660    30.440657
-3.474914   -282.083200   1047.051
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L   F O R C E S

 COMB     SVB06 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296    287.431469
-39.217459  -817.676089   -2402.339
 0.35593   -8900.159  -397.993296    287.431469
-39.217459   -1504.494   -1451.334
 0.57062   -9127.241  -397.993296    287.431469
-39.217459   -2191.311  -500.328849
 0.78531   -9354.323  -397.993296    287.431469
-39.217459   -2878.129   450.676132
 1.00000   -9581.405  -397.993296    287.431469
-39.217459   -3564.946    1401.681

 COMB     SVB06 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296    287.431469
-39.217459  -817.676089   -2402.339
 0.35593   -8900.159  -397.993296    287.431469
-39.217459   -1504.494   -1451.334
 0.57062   -9127.241  -397.993296    287.431469
-39.217459   -2191.311  -500.328849
 0.78531   -9354.323  -397.993296    287.431469
-39.217459   -2878.129   450.676132
 1.00000   -9581.405  -397.993296    287.431469
-39.217459   -3564.946    1401.681

 COMB     SVB07 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296     6.57E-16
-1.03E-14     2.43E-15   -2402.339
 0.35593   -8900.159  -397.993296     6.57E-16
-1.03E-14     8.64E-16   -1451.334
 0.57062   -9127.241  -397.993296     6.57E-16
-1.03E-14    -7.06E-16  -500.328849
 0.78531   -9354.323  -397.993296     6.57E-16
-1.03E-14    -2.28E-15   450.676132
 1.00000   -9581.405  -397.993296     6.57E-16
-1.03E-14    -3.84E-15    1401.681

 COMB     SVB07 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -8673.077  -397.993296     6.57E-16
-1.03E-14     2.43E-15   -2402.339
 0.35593   -8900.159  -397.993296     6.57E-16
-1.03E-14     8.64E-16   -1451.334
 0.57062   -9127.241  -397.993296     6.57E-16
-1.03E-14    -7.06E-16  -500.328849
 0.78531   -9354.323  -397.993296     6.57E-16
-1.03E-14    -2.28E-15   450.676132
 1.00000   -9581.405  -397.993296     6.57E-16
-1.03E-14    -3.84E-15    1401.681

 COMB     SVB08 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    287.431469
-39.217459  -817.676089   -1842.606
 0.35593   -7128.088  -302.328660    287.431469
-39.217459   -1504.494   -1120.192
 0.57062   -7355.170  -302.328660    287.431469
-39.217459   -2191.311  -397.777574
 0.78531   -7582.252  -302.328660    287.431469
-39.217459   -2878.129   324.636758
 1.00000   -7809.334  -302.328660    287.431469
-39.217459   -3564.946    1047.051

 COMB     SVB08 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    287.431469
-39.217459  -817.676089   -1842.606
 0.35593   -7128.088  -302.328660    287.431469
-39.217459   -1504.494   -1120.192
 0.57062   -7355.170  -302.328660    287.431469
-39.217459   -2191.311  -397.777574
 0.78531   -7582.252  -302.328660    287.431469
-39.217459   -2878.129   324.636758
 1.00000   -7809.334  -302.328660    287.431469
-39.217459   -3564.946    1047.051
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L   F O R C E S

 COMB     SVB09 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660     4.98E-16
-7.74E-15     1.84E-15   -1842.606
 0.35593   -7128.088  -302.328660     4.98E-16
-7.74E-15     6.54E-16   -1120.192
 0.57062   -7355.170  -302.328660     4.98E-16
-7.74E-15    -5.34E-16  -397.777574
 0.78531   -7582.252  -302.328660     4.98E-16
-7.74E-15    -1.72E-15   324.636758
 1.00000   -7809.334  -302.328660     4.98E-16
-7.74E-15    -2.91E-15   1047.051

 COMB     SVB09 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660     4.98E-16
-7.74E-15     1.84E-15   -1842.606
 0.35593   -7128.088  -302.328660     4.98E-16
-7.74E-15     6.54E-16   -1120.192
 0.57062   -7355.170  -302.328660     4.98E-16
-7.74E-15    -5.34E-16  -397.777574
 0.78531   -7582.252  -302.328660     4.98E-16
-7.74E-15    -1.72E-15   324.636758
 1.00000   -7809.334  -302.328660     4.98E-16
-7.74E-15    -2.91E-15   1047.051

 COMB     SVB10 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    326.724942
-46.167287  -870.550232   -1842.606
 0.35593   -7128.088  -302.328660    334.610292
-46.167287   -1660.681   -1120.192
 0.57062   -7355.170  -302.328660    342.495642
-46.167287   -2469.653  -397.777574
 0.78531   -7582.252  -302.328660    348.312783
-46.167287   -3296.819   324.636758
 1.00000   -7809.334  -302.328660    348.312783
-46.167287   -4129.112   1047.051

 COMB     SVB10 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    326.724942
-46.167287  -870.550232   -1842.606
 0.35593   -7128.088  -302.328660    334.610292
-46.167287   -1660.681   -1120.192
 0.57062   -7355.170  -302.328660    342.495642
-46.167287   -2469.653  -397.777574
 0.78531   -7582.252  -302.328660    348.312783
-46.167287   -3296.819   324.636758
 1.00000   -7809.334  -302.328660    348.312783
-46.167287   -4129.112   1047.051

 COMB     SVB11 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    39.293473
-6.949829   -52.874143   -1842.606
 0.35593   -7128.088  -302.328660    47.178823
-6.949829   -156.186920   -1120.192
 0.57062   -7355.170  -302.328660    55.064173
-6.949829   -278.341740  -397.777574
 0.78531   -7582.252  -302.328660    60.881314
-6.949829   -418.690500   324.636758
 1.00000   -7809.334  -302.328660    60.881314
-6.949829   -564.166401   1047.051

 COMB     SVB11 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124   -6901.006  -302.328660    39.293473
-6.949829   -52.874143   -1842.606
 0.35593   -7128.088  -302.328660    47.178823
-6.949829   -156.186920   -1120.192
 0.57062   -7355.170  -302.328660    55.064173
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-6.949829 -278.341740 -397.777574
0.78531 -7582.252 -302.328660 60.881314
-6.949829 -418.690500 324.636758
1.00000 -7809.334 -302.328660 60.881314
-6.949829 -564.166401 1047.051

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8673.077	-397.993296	307.078206
-42.692373	-844.113161	-2402.339	
0.35593	-8900.159	-397.993296	311.020881
-42.692373	-1582.587	-1451.334	
0.57062	-9127.241	-397.993296	314.963556
-42.692373	-2330.482	-500.328849	
0.78531	-9354.323	-397.993296	317.872126
-42.692373	-3087.474	450.676132	
1.00000	-9581.405	-397.993296	317.872126
-42.692373	-3847.029	1401.681	

COMB SVB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8673.077	-397.993296	307.078206
-42.692373	-844.113161	-2402.339	
0.35593	-8900.159	-397.993296	311.020881
-42.692373	-1582.587	-1451.334	
0.57062	-9127.241	-397.993296	314.963556
-42.692373	-2330.482	-500.328849	
0.78531	-9354.323	-397.993296	317.872126
-42.692373	-3087.474	450.676132	
1.00000	-9581.405	-397.993296	317.872126
-42.692373	-3847.029	1401.681	

COMB SVB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8673.077	-397.993296	19.646737
-3.474914	-26.437072	-2402.339	
0.35593	-8900.159	-397.993296	23.589412
-3.474914	-78.093460	-1451.334	
0.57062	-9127.241	-397.993296	27.532087
-3.474914	-139.170870	-500.328849	
0.78531	-9354.323	-397.993296	30.440657
-3.474914	-209.345250	450.676132	
1.00000	-9581.405	-397.993296	30.440657
-3.474914	-282.083200	1401.681	

COMB SVB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8673.077	-397.993296	19.646737
-3.474914	-26.437072	-2402.339	
0.35593	-8900.159	-397.993296	23.589412
-3.474914	-78.093460	-1451.334	
0.57062	-9127.241	-397.993296	27.532087
-3.474914	-139.170870	-500.328849	
0.78531	-9354.323	-397.993296	30.440657
-3.474914	-209.345250	450.676132	
1.00000	-9581.405	-397.993296	30.440657
-3.474914	-282.083200	1401.681	

COMB SVB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6901.006	-302.328660	307.078206
-42.692373	-844.113161	-1842.606	
0.35593	-7128.088	-302.328660	311.020881
-42.692373	-1582.587	-1120.192	
0.57062	-7355.170	-302.328660	314.963556
-42.692373	-2330.482	-397.777574	
0.78531	-7582.252	-302.328660	317.872126
-42.692373	-3087.474	324.636758	
1.00000	-7809.334	-302.328660	317.872126
-42.692373	-3847.029	1047.051	

COMB SVB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6901.006	-302.328660	307.078206
-42.692373	-844.113161	-1842.606	
0.35593	-7128.088	-302.328660	311.020881
-42.692373	-1582.587	-1120.192	
0.57062	-7355.170	-302.328660	314.963556
-42.692373	-2330.482	-397.777574	
0.78531	-7582.252	-302.328660	317.872126
-42.692373	-3087.474	324.636758	
1.00000	-7809.334	-302.328660	317.872126
-42.692373	-3847.029	1047.051	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6901.006	-302.328660	19.646737
-3.474914	-26.437072	-1842.606	
0.35593	-7128.088	-302.328660	23.589412
-3.474914	-78.093460	-1120.192	
0.57062	-7355.170	-302.328660	27.532087
-3.474914	-139.170870	-397.777574	
0.78531	-7582.252	-302.328660	30.440657
-3.474914	-209.345250	324.636758	
1.00000	-7809.334	-302.328660	30.440657
-3.474914	-282.083200	1047.051	

COMB SVB15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6901.006	-302.328660	19.646737
-3.474914	-26.437072	-1842.606	
0.35593	-7128.088	-302.328660	23.589412
-3.474914	-78.093460	-1120.192	
0.57062	-7355.170	-302.328660	27.532087
-3.474914	-139.170870	-397.777574	
0.78531	-7582.252	-302.328660	30.440657
-3.474914	-209.345250	324.636758	
1.00000	-7809.334	-302.328660	30.440657
-3.474914	-282.083200	1047.051	

COMB ULB01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12781.261	-598.706226	9.89E-16
-1.56E-14	3.67E-15	-3598.813	
0.35593	-13076.468	-598.706226	9.89E-16
-1.56E-14	1.30E-15	-2168.205	
0.57062	-13371.674	-598.706226	9.89E-16
-1.56E-14	-1.06E-15	-737.596088	
0.78531	-13666.881	-598.706226	9.89E-16
-1.56E-14	-3.43E-15	693.012440	
1.00000	-13962.087	-598.706226	9.89E-16
-1.56E-14	-5.79E-15	2123.621	

COMB ULB01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12781.261	-598.706226	9.89E-16
-1.56E-14	3.67E-15	-3598.813	
0.35593	-13076.468	-598.706226	9.89E-16
-1.56E-14	1.30E-15	-2168.205	
0.57062	-13371.674	-598.706226	9.89E-16
-1.56E-14	-1.06E-15	-737.596088	
0.78531	-13666.881	-598.706226	9.89E-16
-1.56E-14	-3.43E-15	693.012440	
1.00000	-13962.087	-598.706226	9.89E-16
-1.56E-14	-5.79E-15	2123.621	

COMB ULB02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	6.47E-16
-1.01E-14	2.40E-15	-2395.388	
0.35593	-9266.514	-393.027257	6.47E-16
-1.01E-14	8.51E-16	-1456.249	
0.57062	-9561.721	-393.027257	6.47E-16
-1.01E-14	-6.95E-16	-517.110846	
0.78531	-9856.927	-393.027257	6.47E-16
-1.01E-14	-2.24E-15	422.027786	
1.00000	-10152.134	-393.027257	6.47E-16
-1.01E-14	-3.79E-15	1361.166	

COMB ULB02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	6.47E-16
-1.01E-14	2.40E-15	-2395.388	
0.35593	-9266.514	-393.027257	6.47E-16
-1.01E-14	8.51E-16	-1456.249	
0.57062	-9561.721	-393.027257	6.47E-16
-1.01E-14	-6.95E-16	-517.110846	
0.78531	-9856.927	-393.027257	6.47E-16
-1.01E-14	-2.24E-15	422.027786	
1.00000	-10152.134	-393.027257	6.47E-16
-1.01E-14	-3.79E-15	1361.166	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	51.081515
-9.034777	-68.736386	-2395.388	
0.35593	-9266.514	-393.027257	61.332470
-9.034777	-203.042996	-1456.249	
0.57062	-9561.721	-393.027257	71.583425
-9.034777	-361.844262	-517.110846	
0.78531	-9856.927	-393.027257	79.145709
-9.034777	-544.297650	422.027786	
1.00000	-10152.134	-393.027257	79.145709
-9.034777	-733.416321	1361.166	

COMB ULB03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	51.081515
-9.034777	-68.736386	-2395.388	
0.35593	-9266.514	-393.027257	61.332470
-9.034777	-203.042996	-1456.249	
0.57062	-9561.721	-393.027257	71.583425
-9.034777	-361.844262	-517.110846	
0.78531	-9856.927	-393.027257	79.145709
-9.034777	-544.297650	422.027786	
1.00000	-10152.134	-393.027257	79.145709
-9.034777	-733.416321	1361.166	

COMB ULB04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11275.000	-517.391285	25.540758
-4.517389	-34.368193	-3123.040	
0.35593	-11570.207	-517.391285	30.666235
-4.517389	-101.521498	-1886.734	
0.57062	-11865.414	-517.391285	35.791713
-4.517389	-180.922131	-650.427504	
0.78531	-12160.620	-517.391285	39.572854
-4.517389	-272.148825	585.878972	
1.00000	-12455.827	-517.391285	39.572854
-4.517389	-366.708161	1822.185	

COMB ULB04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11275.000	-517.391285	25.540758
-4.517389	-34.368193	-3123.040	
0.35593	-11570.207	-517.391285	30.666235
-4.517389	-101.521498	-1886.734	
0.57062	-11865.414	-517.391285	35.791713
-4.517389	-180.922131	-650.427504	
0.78531	-12160.620	-517.391285	39.572854
-4.517389	-272.148825	585.878972	
1.00000	-12455.827	-517.391285	39.572854
-4.517389	-366.708161	1822.185	

COMB ULB05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	25.540758
-4.517389	-34.368193	-2395.388	
0.35593	-9266.514	-393.027257	30.666235
-4.517389	-101.521498	-1456.249	
0.57062	-9561.721	-393.027257	35.791713
-4.517389	-180.922131	-517.110846	
0.78531	-9856.927	-393.027257	39.572854
-4.517389	-272.148825	422.027786	
1.00000	-10152.134	-393.027257	39.572854
-4.517389	-366.708161	1361.166	

COMB ULB05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	25.540758
-4.517389	-34.368193	-2395.388	
0.35593	-9266.514	-393.027257	30.666235
-4.517389	-101.521498	-1456.249	
0.57062	-9561.721	-393.027257	35.791713
-4.517389	-180.922131	-517.110846	
0.78531	-9856.927	-393.027257	39.572854
-4.517389	-272.148825	422.027786	
1.00000	-10152.134	-393.027257	39.572854
-4.517389	-366.708161	1361.166	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11275.000	-517.391285	373.660909
-50.982696	-1062.979	-3123.040	
0.35593	-11570.207	-517.391285	373.660909
-50.982696	-1955.842	-1886.734	
0.57062	-11865.414	-517.391285	373.660909
-50.982696	-2848.704	-650.427504	
0.78531	-12160.620	-517.391285	373.660909
-50.982696	-3741.567	585.878972	
1.00000	-12455.827	-517.391285	373.660909
-50.982696	-4634.430	1822.185	

COMB ULB06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11275.000	-517.391285	373.660909
-50.982696	-1062.979	-3123.040	
0.35593	-11570.207	-517.391285	373.660909
-50.982696	-1955.842	-1886.734	
0.57062	-11865.414	-517.391285	373.660909
-50.982696	-2848.704	-650.427504	
0.78531	-12160.620	-517.391285	373.660909
-50.982696	-3741.567	585.878972	
1.00000	-12455.827	-517.391285	373.660909
-50.982696	-4634.430	1822.185	

COMB ULB07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11275.000	-517.391285	8.54E-16
-1.34E-14	3.16E-15	-3123.040	
0.35593	-11570.207	-517.391285	8.54E-16
-1.34E-14	1.12E-15	-1886.734	
0.57062	-11865.414	-517.391285	8.54E-16
-1.34E-14	-9.17E-16	-650.427504	
0.78531	-12160.620	-517.391285	8.54E-16
-1.34E-14	-2.96E-15	585.878972	
1.00000	-12455.827	-517.391285	8.54E-16
-1.34E-14	-5.00E-15	1822.185	

COMB ULB07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11275.000	-517.391285	8.54E-16
-1.34E-14	3.16E-15	-3123.040	
0.35593	-11570.207	-517.391285	8.54E-16
-1.34E-14	1.12E-15	-1886.734	
0.57062	-11865.414	-517.391285	8.54E-16
-1.34E-14	-9.17E-16	-650.427504	
0.78531	-12160.620	-517.391285	8.54E-16
-1.34E-14	-2.96E-15	585.878972	
1.00000	-12455.827	-517.391285	8.54E-16
-1.34E-14	-5.00E-15	1822.185	

COMB ULB08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	373.660909
-50.982696	-1062.979	-2395.388	
0.35593	-9266.514	-393.027257	373.660909
-50.982696	-1955.842	-1456.249	
0.57062	-9561.721	-393.027257	373.660909
-50.982696	-2848.704	-517.110846	
0.78531	-9856.927	-393.027257	373.660909
-50.982696	-3741.567	422.027786	
1.00000	-10152.134	-393.027257	373.660909
-50.982696	-4634.430	1361.166	

COMB ULB08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	373.660909
-50.982696	-1062.979	-2395.388	
0.35593	-9266.514	-393.027257	373.660909
-50.982696	-1955.842	-1456.249	
0.57062	-9561.721	-393.027257	373.660909
-50.982696	-2848.704	-517.110846	
0.78531	-9856.927	-393.027257	373.660909
-50.982696	-3741.567	422.027786	
1.00000	-10152.134	-393.027257	373.660909
-50.982696	-4634.430	1361.166	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	6.47E-16
-1.01E-14	2.40E-15	-2395.388	
0.35593	-9266.514	-393.027257	6.47E-16
-1.01E-14	8.51E-16	-1456.249	
0.57062	-9561.721	-393.027257	6.47E-16
-1.01E-14	-6.95E-16	-517.110846	
0.78531	-9856.927	-393.027257	6.47E-16
-1.01E-14	-2.24E-15	422.027786	
1.00000	-10152.134	-393.027257	6.47E-16
-1.01E-14	-3.79E-15	1361.166	

COMB ULB09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8971.307	-393.027257	6.47E-16
-1.01E-14	2.40E-15	-2395.388	
0.35593	-9266.514	-393.027257	6.47E-16
-1.01E-14	8.51E-16	-1456.249	
0.57062	-9561.721	-393.027257	6.47E-16
-1.01E-14	-6.95E-16	-517.110846	
0.78531	-9856.927	-393.027257	6.47E-16
-1.01E-14	-2.24E-15	422.027786	
1.00000	-10152.134	-393.027257	6.47E-16
-1.01E-14	-3.79E-15	1361.166	

COMB ULB10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8626.257	-377.910824	408.406178
-57.709109	-1088.188	-2303.258	
0.35593	-8910.110	-377.910824	418.262865
-57.709109	-2075.851	-1400.240	
0.57062	-9193.962	-377.910824	428.119553
-57.709109	-3087.066	-497.221967	
0.78531	-9477.815	-377.910824	435.390979
-57.709109	-4121.024	405.795948	
1.00000	-9761.667	-377.910824	435.390979
-57.709109	-5161.391	1308.814	

COMB ULB10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8626.257	-377.910824	408.406178
-57.709109	-1088.188	-2303.258	
0.35593	-8910.110	-377.910824	418.262865
-57.709109	-2075.851	-1400.240	
0.57062	-9193.962	-377.910824	428.119553
-57.709109	-3087.066	-497.221967	
0.78531	-9477.815	-377.910824	435.390979
-57.709109	-4121.024	405.795948	
1.00000	-9761.667	-377.910824	435.390979
-57.709109	-5161.391	1308.814	

COMB ULB11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8626.257	-377.910824	49.116842
-8.687286	-66.092679	-2303.258	
0.35593	-8910.110	-377.910824	58.973529
-8.687286	-195.233650	-1400.240	
0.57062	-9193.962	-377.910824	68.830217
-8.687286	-347.927175	-497.221967	
0.78531	-9477.815	-377.910824	76.101643
-8.687286	-523.363125	405.795948	
1.00000	-9761.667	-377.910824	76.101643
-8.687286	-705.208001	1308.814	

COMB ULB11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8626.257	-377.910824	49.116842
-8.687286	-66.092679	-2303.258	
0.35593	-8910.110	-377.910824	58.973529
-8.687286	-195.233650	-1400.240	
0.57062	-9193.962	-377.910824	68.830217
-8.687286	-347.927175	-497.221967	
0.78531	-9477.815	-377.910824	76.101643
-8.687286	-523.363125	405.795948	
1.00000	-9761.667	-377.910824	76.101643
-8.687286	-705.208001	1308.814	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10841.347	-497.491620	383.847757
-53.365466	-1055.141	-3002.924	
0.35593	-11125.199	-497.491620	388.776101
-53.365466	-1978.234	-1814.167	
0.57062	-11409.052	-497.491620	393.704444
-53.365466	-2913.102	-625.411061	
0.78531	-11692.904	-497.491620	397.340158
-53.365466	-3859.342	563.345165	
1.00000	-11976.756	-497.491620	397.340158
-53.365466	-4808.787	1752.101	

COMB ULB12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10841.347	-497.491620	383.847757
-53.365466	-1055.141	-3002.924	
0.35593	-11125.199	-497.491620	388.776101
-53.365466	-1978.234	-1814.167	
0.57062	-11409.052	-497.491620	393.704444
-53.365466	-2913.102	-625.411061	
0.78531	-11692.904	-497.491620	397.340158
-53.365466	-3859.342	563.345165	
1.00000	-11976.756	-497.491620	397.340158
-53.365466	-4808.787	1752.101	

COMB ULB13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10841.347	-497.491620	24.558421
-4.343643	-33.046339	-3002.924	
0.35593	-11125.199	-497.491620	29.486765
-4.343643	-97.616825	-1814.167	
0.57062	-11409.052	-497.491620	34.415108
-4.343643	-173.963588	-625.411061	
0.78531	-11692.904	-497.491620	38.050821
-4.343643	-261.681563	563.345165	
1.00000	-11976.756	-497.491620	38.050821
-4.343643	-352.604001	1752.101	

COMB ULB13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10841.347	-497.491620	24.558421
-4.343643	-33.046339	-3002.924	
0.35593	-11125.199	-497.491620	29.486765
-4.343643	-97.616825	-1814.167	
0.57062	-11409.052	-497.491620	34.415108
-4.343643	-173.963588	-625.411061	
0.78531	-11692.904	-497.491620	38.050821
-4.343643	-261.681563	563.345165	
1.00000	-11976.756	-497.491620	38.050821
-4.343643	-352.604001	1752.101	

COMB ULB14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8626.257	-377.910824	383.847757
-53.365466	-1055.141	-2303.258	
0.35593	-8910.110	-377.910824	388.776101
-53.365466	-1978.234	-1400.240	
0.57062	-9193.962	-377.910824	393.704444
-53.365466	-2913.102	-497.221967	
0.78531	-9477.815	-377.910824	397.340158
-53.365466	-3859.342	405.795948	
1.00000	-9761.667	-377.910824	397.340158
-53.365466	-4808.787	1308.814	

COMB ULB14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8626.257	-377.910824	383.847757
-53.365466	-1055.141	-2303.258	
0.35593	-8910.110	-377.910824	388.776101
-53.365466	-1978.234	-1400.240	
0.57062	-9193.962	-377.910824	393.704444
-53.365466	-2913.102	-497.221967	
0.78531	-9477.815	-377.910824	397.340158
-53.365466	-3859.342	405.795948	
1.00000	-9761.667	-377.910824	397.340158
-53.365466	-4808.787	1308.814	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8626.257	-377.910824	24.558421
-4.343643	-33.046339	-2303.258	
0.35593	-8910.110	-377.910824	29.486765
-4.343643	-97.616825	-1400.240	
0.57062	-9193.962	-377.910824	34.415108
-4.343643	-173.963588	-497.221967	
0.78531	-9477.815	-377.910824	38.050821
-4.343643	-261.681563	405.795948	
1.00000	-9761.667	-377.910824	38.050821
-4.343643	-352.604001	1308.814	

COMB ULB15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8626.257	-377.910824	24.558421
-4.343643	-33.046339	-2303.258	
0.35593	-8910.110	-377.910824	29.486765
-4.343643	-97.616825	-1400.240	
0.57062	-9193.962	-377.910824	34.415108
-4.343643	-173.963588	-497.221967	
0.78531	-9477.815	-377.910824	38.050821
-4.343643	-261.681563	405.795948	
1.00000	-9761.667	-377.910824	38.050821
-4.343643	-352.604001	1308.814	

COMB ULB16 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	4.98E-16
-7.74E-15	1.84E-15	-1842.606	
0.35593	-7128.088	-302.328660	4.98E-16
-7.74E-15	6.54E-16	-1120.192	
0.57062	-7355.170	-302.328660	4.98E-16
-7.74E-15	-5.34E-16	-397.777574	
0.78531	-7582.252	-302.328660	4.98E-16
-7.74E-15	-1.72E-15	324.636758	
1.00000	-7809.334	-302.328660	4.98E-16
-7.74E-15	-2.91E-15	1047.051	

COMB ULB16 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	4.98E-16
-7.74E-15	1.84E-15	-1842.606	
0.35593	-7128.088	-302.328660	4.98E-16
-7.74E-15	6.54E-16	-1120.192	
0.57062	-7355.170	-302.328660	4.98E-16
-7.74E-15	-5.34E-16	-397.777574	
0.78531	-7582.252	-302.328660	4.98E-16
-7.74E-15	-1.72E-15	324.636758	
1.00000	-7809.334	-302.328660	4.98E-16
-7.74E-15	-2.91E-15	1047.051	

COMB ULB17 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-11275.000	-517.391285	8.54E-16
-1.34E-14	3.16E-15	-3123.040	
0.35593	-11570.207	-517.391285	8.54E-16
-1.34E-14	1.12E-15	-1886.734	
0.57062	-11865.414	-517.391285	8.54E-16
-1.34E-14	-9.17E-16	-650.427504	
0.78531	-12160.620	-517.391285	8.54E-16
-1.34E-14	-2.96E-15	585.878972	
1.00000	-12455.827	-517.391285	8.54E-16
-1.34E-14	-5.00E-15	1822.185	

COMB ULB17 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-11275.000	-517.391285	8.54E-16
-1.34E-14	3.16E-15	-3123.040	
0.35593	-11570.207	-517.391285	8.54E-16
-1.34E-14	1.12E-15	-1886.734	
0.57062	-11865.414	-517.391285	8.54E-16
-1.34E-14	-9.17E-16	-650.427504	
0.78531	-12160.620	-517.391285	8.54E-16
-1.34E-14	-2.96E-15	585.878972	
1.00000	-12455.827	-517.391285	8.54E-16
-1.34E-14	-5.00E-15	1822.185	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULB18 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8281.207	-362.794391	47.152168
-8.339795	-63.448972	-2211.127	
0.35593	-8553.705	-362.794391	56.614588
-8.339795	-187.424304	-1344.230	
0.57062	-8826.204	-362.794391	66.077008
-8.339795	-334.010088	-477.333088	
0.78531	-9098.702	-362.794391	73.057577
-8.339795	-502.428600	389.564110	
1.00000	-9371.200	-362.794391	73.057577
-8.339795	-676.999681	1256.461	

COMB ULB18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8281.207	-362.794391	47.152168
-8.339795	-63.448972	-2211.127	
0.35593	-8553.705	-362.794391	56.614588
-8.339795	-187.424304	-1344.230	
0.57062	-8826.204	-362.794391	66.077008
-8.339795	-334.010088	-477.333088	
0.78531	-9098.702	-362.794391	73.057577
-8.339795	-502.428600	389.564110	
1.00000	-9371.200	-362.794391	73.057577
-8.339795	-676.999681	1256.461	

COMB UEB01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-10710.960	-508.007629	8.40E-16
-1.33E-14	3.11E-15	-3046.031	
0.35593	-10938.042	-508.007629	8.40E-16
-1.33E-14	1.10E-15	-1832.147	
0.57062	-11165.123	-508.007629	8.40E-16
-1.33E-14	-9.02E-16	-618.262816	
0.78531	-11392.205	-508.007629	8.40E-16
-1.33E-14	-2.91E-15	595.621413	
1.00000	-11619.287	-508.007629	8.40E-16
-1.33E-14	-4.92E-15	1809.506	

COMB UEB01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-10710.960	-508.007629	8.40E-16
-1.33E-14	3.11E-15	-3046.031	
0.35593	-10938.042	-508.007629	8.40E-16
-1.33E-14	1.10E-15	-1832.147	
0.57062	-11165.123	-508.007629	8.40E-16
-1.33E-14	-9.02E-16	-618.262816	
0.78531	-11392.205	-508.007629	8.40E-16
-1.33E-14	-2.91E-15	595.621413	
1.00000	-11619.287	-508.007629	8.40E-16
-1.33E-14	-4.92E-15	1809.506	

COMB UEB02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	4.98E-16
-7.74E-15	1.84E-15	-1842.606	
0.35593	-7128.088	-302.328660	4.98E-16
-7.74E-15	6.54E-16	-1120.192	
0.57062	-7355.170	-302.328660	4.98E-16
-7.74E-15	-5.34E-16	-397.777574	
0.78531	-7582.252	-302.328660	4.98E-16
-7.74E-15	-1.72E-15	324.636758	
1.00000	-7809.334	-302.328660	4.98E-16
-7.74E-15	-2.91E-15	1047.051	

COMB UEB02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	4.98E-16
-7.74E-15	1.84E-15	-1842.606	
0.35593	-7128.088	-302.328660	4.98E-16
-7.74E-15	6.54E-16	-1120.192	
0.57062	-7355.170	-302.328660	4.98E-16
-7.74E-15	-5.34E-16	-397.777574	
0.78531	-7582.252	-302.328660	4.98E-16
-7.74E-15	-1.72E-15	324.636758	
1.00000	-7809.334	-302.328660	4.98E-16
-7.74E-15	-2.91E-15	1047.051	

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COMB UEB03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	51.081515
-9.034777	-68.736386	-1842.606	
0.35593	-7128.088	-302.328660	61.332470
-9.034777	-203.042996	-1120.192	
0.57062	-7355.170	-302.328660	71.583425
-9.034777	-361.844262	-397.777574	
0.78531	-7582.252	-302.328660	79.145709
-9.034777	-544.297650	324.636758	
1.00000	-7809.334	-302.328660	79.145709
-9.034777	-733.416321	1047.051	

COMB UEB03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	51.081515
-9.034777	-68.736386	-1842.606	
0.35593	-7128.088	-302.328660	61.332470
-9.034777	-203.042996	-1120.192	
0.57062	-7355.170	-302.328660	71.583425
-9.034777	-361.844262	-397.777574	
0.78531	-7582.252	-302.328660	79.145709
-9.034777	-544.297650	324.636758	
1.00000	-7809.334	-302.328660	79.145709
-9.034777	-733.416321	1047.051	

COMB UEB04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-9204.699	-426.692687	25.540758
-4.517389	-34.368193	-2570.259	
0.35593	-9431.781	-426.692687	30.666235
-4.517389	-101.521498	-1550.676	
0.57062	-9658.863	-426.692687	35.791713
-4.517389	-180.922131	-531.094232	
0.78531	-9885.945	-426.692687	39.572854
-4.517389	-272.148825	488.487945	
1.00000	-10113.027	-426.692687	39.572854
-4.517389	-366.708161	1508.070	

COMB UEB04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-9204.699	-426.692687	25.540758
-4.517389	-34.368193	-2570.259	
0.35593	-9431.781	-426.692687	30.666235
-4.517389	-101.521498	-1550.676	
0.57062	-9658.863	-426.692687	35.791713
-4.517389	-180.922131	-531.094232	
0.78531	-9885.945	-426.692687	39.572854
-4.517389	-272.148825	488.487945	
1.00000	-10113.027	-426.692687	39.572854
-4.517389	-366.708161	1508.070	

COMB UEB05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	25.540758
-4.517389	-34.368193	-1842.606	
0.35593	-7128.088	-302.328660	30.666235
-4.517389	-101.521498	-1120.192	
0.57062	-7355.170	-302.328660	35.791713
-4.517389	-180.922131	-397.777574	
0.78531	-7582.252	-302.328660	39.572854
-4.517389	-272.148825	324.636758	
1.00000	-7809.334	-302.328660	39.572854
-4.517389	-366.708161	1047.051	

COMB UEB05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	25.540758
-4.517389	-34.368193	-1842.606	
0.35593	-7128.088	-302.328660	30.666235
-4.517389	-101.521498	-1120.192	
0.57062	-7355.170	-302.328660	35.791713
-4.517389	-180.922131	-397.777574	
0.78531	-7582.252	-302.328660	39.572854
-4.517389	-272.148825	324.636758	
1.00000	-7809.334	-302.328660	39.572854
-4.517389	-366.708161	1047.051	

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COMB UEB06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-9204.699	-426.692687	373.660909
-50.982696	-1062.979	-2570.259	
0.35593	-9431.781	-426.692687	373.660909
-50.982696	-1955.842	-1550.676	
0.57062	-9658.863	-426.692687	373.660909
-50.982696	-2848.704	-531.094232	
0.78531	-9885.945	-426.692687	373.660909
-50.982696	-3741.567	488.487945	
1.00000	-10113.027	-426.692687	373.660909
-50.982696	-4634.430	1508.070	

COMB UEB06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-9204.699	-426.692687	373.660909
-50.982696	-1062.979	-2570.259	
0.35593	-9431.781	-426.692687	373.660909
-50.982696	-1955.842	-1550.676	
0.57062	-9658.863	-426.692687	373.660909
-50.982696	-2848.704	-531.094232	
0.78531	-9885.945	-426.692687	373.660909
-50.982696	-3741.567	488.487945	
1.00000	-10113.027	-426.692687	373.660909
-50.982696	-4634.430	1508.070	

COMB UEB07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-9204.699	-426.692687	7.05E-16
-1.11E-14	2.61E-15	-2570.259	
0.35593	-9431.781	-426.692687	7.05E-16
-1.11E-14	9.27E-16	-1550.676	
0.57062	-9658.863	-426.692687	7.05E-16
-1.11E-14	-7.57E-16	-531.094232	
0.78531	-9885.945	-426.692687	7.05E-16
-1.11E-14	-2.44E-15	488.487945	
1.00000	-10113.027	-426.692687	7.05E-16
-1.11E-14	-4.12E-15	1508.070	

COMB UEB07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-9204.699	-426.692687	7.05E-16
-1.11E-14	2.61E-15	-2570.259	
0.35593	-9431.781	-426.692687	7.05E-16
-1.11E-14	9.27E-16	-1550.676	
0.57062	-9658.863	-426.692687	7.05E-16
-1.11E-14	-7.57E-16	-531.094232	
0.78531	-9885.945	-426.692687	7.05E-16
-1.11E-14	-2.44E-15	488.487945	
1.00000	-10113.027	-426.692687	7.05E-16
-1.11E-14	-4.12E-15	1508.070	

COMB UEB08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	373.660909
-50.982696	-1062.979	-1842.606	
0.35593	-7128.088	-302.328660	373.660909
-50.982696	-1955.842	-1120.192	
0.57062	-7355.170	-302.328660	373.660909
-50.982696	-2848.704	-397.777574	
0.78531	-7582.252	-302.328660	373.660909
-50.982696	-3741.567	324.636758	
1.00000	-7809.334	-302.328660	373.660909
-50.982696	-4634.430	1047.051	

COMB UEB08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	373.660909
-50.982696	-1062.979	-1842.606	
0.35593	-7128.088	-302.328660	373.660909
-50.982696	-1955.842	-1120.192	
0.57062	-7355.170	-302.328660	373.660909
-50.982696	-2848.704	-397.777574	
0.78531	-7582.252	-302.328660	373.660909
-50.982696	-3741.567	324.636758	
1.00000	-7809.334	-302.328660	373.660909
-50.982696	-4634.430	1047.051	

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COMB UEB09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	4.98E-16
-7.74E-15	1.84E-15	-1842.606	
0.35593	-7128.088	-302.328660	4.98E-16
-7.74E-15	6.54E-16	-1120.192	
0.57062	-7355.170	-302.328660	4.98E-16
-7.74E-15	-5.34E-16	-397.777574	
0.78531	-7582.252	-302.328660	4.98E-16
-7.74E-15	-1.72E-15	324.636758	
1.00000	-7809.334	-302.328660	4.98E-16
-7.74E-15	-2.91E-15	1047.051	

COMB UEB09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6901.006	-302.328660	4.98E-16
-7.74E-15	1.84E-15	-1842.606	
0.35593	-7128.088	-302.328660	4.98E-16
-7.74E-15	6.54E-16	-1120.192	
0.57062	-7355.170	-302.328660	4.98E-16
-7.74E-15	-5.34E-16	-397.777574	
0.78531	-7582.252	-302.328660	4.98E-16
-7.74E-15	-1.72E-15	324.636758	
1.00000	-7809.334	-302.328660	4.98E-16
-7.74E-15	-2.91E-15	1047.051	

COMB UEB10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6555.955	-287.212227	408.406178
-57.709109	-1088.188	-1750.476	
0.35593	-6771.683	-287.212227	418.262865
-57.709109	-2075.851	-1064.182	
0.57062	-6987.411	-287.212227	428.119553
-57.709109	-3087.066	-377.888695	
0.78531	-7203.139	-287.212227	435.390979
-57.709109	-4121.024	308.404920	
1.00000	-7418.867	-287.212227	435.390979
-57.709109	-5161.391	994.698536	

COMB UEB10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6555.955	-287.212227	408.406178
-57.709109	-1088.188	-1750.476	
0.35593	-6771.683	-287.212227	418.262865
-57.709109	-2075.851	-1064.182	
0.57062	-6987.411	-287.212227	428.119553
-57.709109	-3087.066	-377.888695	
0.78531	-7203.139	-287.212227	435.390979
-57.709109	-4121.024	308.404920	
1.00000	-7418.867	-287.212227	435.390979
-57.709109	-5161.391	994.698536	

COMB UEB11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6555.955	-287.212227	49.116842
-8.687286	-66.092679	-1750.476	
0.35593	-6771.683	-287.212227	58.973529
-8.687286	-195.233650	-1064.182	
0.57062	-6987.411	-287.212227	68.830217
-8.687286	-347.927175	-377.888695	
0.78531	-7203.139	-287.212227	76.101643
-8.687286	-523.363125	308.404920	
1.00000	-7418.867	-287.212227	76.101643
-8.687286	-705.208001	994.698536	

COMB UEB11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6555.955	-287.212227	49.116842
-8.687286	-66.092679	-1750.476	
0.35593	-6771.683	-287.212227	58.973529
-8.687286	-195.233650	-1064.182	
0.57062	-6987.411	-287.212227	68.830217
-8.687286	-347.927175	-377.888695	
0.78531	-7203.139	-287.212227	76.101643
-8.687286	-523.363125	308.404920	
1.00000	-7418.867	-287.212227	76.101643
-8.687286	-705.208001	994.698536	

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COMB UEB12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8771.045	-406.793023	383.847757
-53.365466	-1055.141	-2450.142	
0.35593	-8986.773	-406.793023	388.776101
-53.365466	-1978.234	-1478.110	
0.57062	-9202.501	-406.793023	393.704444
-53.365466	-2913.102	-506.077789	
0.78531	-9418.228	-406.793023	397.340158
-53.365466	-3859.342	465.954138	
1.00000	-9633.956	-406.793023	397.340158
-53.365466	-4808.787	1437.986	

COMB UEB12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8771.045	-406.793023	383.847757
-53.365466	-1055.141	-2450.142	
0.35593	-8986.773	-406.793023	388.776101
-53.365466	-1978.234	-1478.110	
0.57062	-9202.501	-406.793023	393.704444
-53.365466	-2913.102	-506.077789	
0.78531	-9418.228	-406.793023	397.340158
-53.365466	-3859.342	465.954138	
1.00000	-9633.956	-406.793023	397.340158
-53.365466	-4808.787	1437.986	

COMB UEB13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8771.045	-406.793023	24.558421
-4.343643	-33.046339	-2450.142	
0.35593	-8986.773	-406.793023	29.486765
-4.343643	-97.616825	-1478.110	
0.57062	-9202.501	-406.793023	34.415108
-4.343643	-173.963588	-506.077789	
0.78531	-9418.228	-406.793023	38.050821
-4.343643	-261.681563	465.954138	
1.00000	-9633.956	-406.793023	38.050821
-4.343643	-352.604001	1437.986	

COMB UEB13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8771.045	-406.793023	24.558421
-4.343643	-33.046339	-2450.142	
0.35593	-8986.773	-406.793023	29.486765
-4.343643	-97.616825	-1478.110	
0.57062	-9202.501	-406.793023	34.415108
-4.343643	-173.963588	-506.077789	
0.78531	-9418.228	-406.793023	38.050821
-4.343643	-261.681563	465.954138	
1.00000	-9633.956	-406.793023	38.050821
-4.343643	-352.604001	1437.986	

COMB UEB14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6555.955	-287.212227	383.847757
-53.365466	-1055.141	-1750.476	
0.35593	-6771.683	-287.212227	388.776101
-53.365466	-1978.234	-1064.182	
0.57062	-6987.411	-287.212227	393.704444
-53.365466	-2913.102	-377.888695	
0.78531	-7203.139	-287.212227	397.340158
-53.365466	-3859.342	308.404920	
1.00000	-7418.867	-287.212227	397.340158
-53.365466	-4808.787	994.698536	

COMB UEB14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6555.955	-287.212227	383.847757
-53.365466	-1055.141	-1750.476	
0.35593	-6771.683	-287.212227	388.776101
-53.365466	-1978.234	-1064.182	
0.57062	-6987.411	-287.212227	393.704444
-53.365466	-2913.102	-377.888695	
0.78531	-7203.139	-287.212227	397.340158
-53.365466	-3859.342	308.404920	
1.00000	-7418.867	-287.212227	397.340158
-53.365466	-4808.787	994.698536	

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COMB UEB15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6555.955	-287.212227	24.558421

```
-4.343643  -33.046339   -1750.476
 0.35593    -6771.683  -287.212227   29.486765
-4.343643   -97.616825   -1064.182
 0.57062    -6987.411  -287.212227   34.415108
-4.343643  -173.963588  -377.888695
 0.78531    -7203.139  -287.212227   38.050821
-4.343643  -261.681563   308.404920
 1.00000    -7418.867  -287.212227   38.050821
-4.343643  -352.604001   994.698536

 COMB    UEB15 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6555.955  -287.212227   24.558421
-4.343643   -33.046339   -1750.476
 0.35593    -6771.683  -287.212227   29.486765
-4.343643   -97.616825   -1064.182
 0.57062    -6987.411  -287.212227   34.415108
-4.343643  -173.963588  -377.888695
 0.78531    -7203.139  -287.212227   38.050821
-4.343643  -261.681563   308.404920
 1.00000    -7418.867  -287.212227   38.050821
-4.343643  -352.604001   994.698536

 COMB    UEB16 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6901.006  -302.328660    4.98E-16
-7.74E-15    1.84E-15   -1842.606
 0.35593    -7128.088  -302.328660    4.98E-16
-7.74E-15    6.54E-16   -1120.192
 0.57062    -7355.170  -302.328660    4.98E-16
-7.74E-15   -5.34E-16  -397.777574
 0.78531    -7582.252  -302.328660    4.98E-16
-7.74E-15   -1.72E-15   324.636758
 1.00000    -7809.334  -302.328660    4.98E-16
-7.74E-15   -2.91E-15    1047.051

 COMB    UEB16 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6901.006  -302.328660    4.98E-16
-7.74E-15    1.84E-15   -1842.606
 0.35593    -7128.088  -302.328660    4.98E-16
-7.74E-15    6.54E-16   -1120.192
 0.57062    -7355.170  -302.328660    4.98E-16
-7.74E-15   -5.34E-16  -397.777574
 0.78531    -7582.252  -302.328660    4.98E-16
-7.74E-15   -1.72E-15   324.636758
 1.00000    -7809.334  -302.328660    4.98E-16
-7.74E-15   -2.91E-15    1047.051

 COMB    UEB17 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -9204.699  -426.692687    7.05E-16
-1.11E-14    2.61E-15   -2570.259
 0.35593    -9431.781  -426.692687    7.05E-16
-1.11E-14    9.27E-16   -1550.676
 0.57062    -9658.863  -426.692687    7.05E-16
-1.11E-14   -7.57E-16  -531.094232
 0.78531    -9885.945  -426.692687    7.05E-16
-1.11E-14   -2.44E-15   488.487945
 1.00000   -10113.027  -426.692687    7.05E-16
-1.11E-14   -4.12E-15    1508.070

 COMB    UEB17 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -9204.699  -426.692687    7.05E-16
-1.11E-14    2.61E-15   -2570.259
 0.35593    -9431.781  -426.692687    7.05E-16
-1.11E-14    9.27E-16   -1550.676
 0.57062    -9658.863  -426.692687    7.05E-16
-1.11E-14   -7.57E-16  -531.094232
 0.78531    -9885.945  -426.692687    7.05E-16
-1.11E-14   -2.44E-15   488.487945
 1.00000   -10113.027  -426.692687    7.05E-16
-1.11E-14   -4.12E-15    1508.070
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 COMB    UEB18 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6210.905  -272.095794   47.152168
-8.339795   -63.448972   -1658.346
 0.35593    -6415.279  -272.095794   56.614588
-8.339795  -187.424304   -1008.173
 0.57062    -6619.653  -272.095794   66.077008
-8.339795  -334.010088  -357.999816
 0.78531    -6824.026  -272.095794   73.057577
-8.339795  -502.428600   292.173082
 1.00000    -7028.400  -272.095794   73.057577
-8.339795  -676.999681   942.345981

 COMB    UEB18 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6210.905  -272.095794   47.152168
-8.339795   -63.448972   -1658.346
 0.35593    -6415.279  -272.095794   56.614588
-8.339795  -187.424304   -1008.173
 0.57062    -6619.653  -272.095794   66.077008
-8.339795  -334.010088  -357.999816
 0.78531    -6824.026  -272.095794   73.057577
-8.339795  -502.428600   292.173082
 1.00000    -7028.400  -272.095794   73.057577
-8.339795  -676.999681   942.345981

 COMB    SVO01 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -8672.509  -398.007311    6.57E-16
-1.03E-14    2.43E-15   -2404.072
 0.35593    -8899.591  -398.007311    6.57E-16
-1.03E-14    8.64E-16   -1453.033
 0.57062    -9126.673  -398.007311    6.57E-16
-1.03E-14   -7.06E-16  -501.995026
 0.78531    -9353.755  -402.953311    6.57E-16
-1.03E-14   -2.28E-15   450.381683
 1.00000    -9580.837  -402.953311    6.57E-16
-1.03E-14   -3.85E-15    1413.239

 COMB    SVO01 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -8672.509  -398.007311    6.57E-16
-1.03E-14    2.43E-15   -2404.072
 0.35593    -8899.591  -398.007311    6.57E-16
-1.03E-14    8.64E-16   -1453.033
 0.57062    -9126.673  -398.007311    6.57E-16
-1.03E-14   -7.06E-16  -501.995026
 0.78531    -9353.755  -402.953311    6.57E-16
-1.03E-14   -2.28E-15   450.381683
 1.00000    -9580.837  -402.953311    6.57E-16
-1.03E-14   -3.85E-15    1413.239

 COMB    SVO02 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6900.438  -302.342674    4.98E-16
-7.74E-15    1.84E-15   -1844.339
 0.35593    -7127.520  -302.342674    4.98E-16
-7.74E-15    6.55E-16   -1121.892
 0.57062    -7354.602  -302.342674    4.98E-16
-7.74E-15   -5.35E-16  -399.443750
 0.78531    -7581.684  -307.288674    4.98E-16
-7.74E-15   -1.72E-15   324.342309
 1.00000    -7808.765  -307.288674    4.98E-16
-7.74E-15   -2.91E-15    1058.609

 COMB    SVO02 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6900.438  -302.342674    4.98E-16
-7.74E-15    1.84E-15   -1844.339
 0.35593    -7127.520  -302.342674    4.98E-16
-7.74E-15    6.55E-16   -1121.892
 0.57062    -7354.602  -302.342674    4.98E-16
-7.74E-15   -5.35E-16  -399.443750
 0.78531    -7581.684  -307.288674    4.98E-16
-7.74E-15   -1.72E-15   324.342309
 1.00000    -7808.765  -307.288674    4.98E-16
-7.74E-15   -2.91E-15    1058.609
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L   F O R C E S

 COMB    SVO03 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -5813.124  -686.567266    8.68E-16
-1.02E-14    3.22E-15   -3414.939
 0.35593    -6040.206  -694.452616    8.68E-16
-1.02E-14    1.14E-15   -1764.965
 0.57062    -6267.288  -702.337966    8.68E-16
-1.02E-14   -9.33E-16  -96.149557
 0.78531    -6494.370  -713.101107    8.68E-16
-1.02E-14   -3.01E-15    1592.198
 1.00000    -6721.452  -713.101107    8.68E-16
-1.02E-14   -5.08E-15    3296.153

 COMB    SVO03 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -5813.124  -686.567266    8.68E-16
-1.02E-14    3.22E-15   -3414.939
 0.35593    -6040.206  -694.452616    8.68E-16
-1.02E-14    1.14E-15   -1764.965
 0.57062    -6267.288  -702.337966    8.68E-16
-1.02E-14   -9.33E-16  -96.149557
 0.78531    -6494.370  -713.101107    8.68E-16
-1.02E-14   -3.01E-15    1592.198
 1.00000    -6721.452  -713.101107    8.68E-16
-1.02E-14   -5.08E-15    3296.153

 COMB    SVO04 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -7982.890  -632.720319    8.92E-16
-1.19E-14    3.30E-15   -3350.662
 0.35593    -8209.972  -636.662994    8.92E-16
-1.19E-14    1.17E-15   -1834.066
 0.57062    -8437.054  -640.605669    8.92E-16
-1.19E-14   -9.58E-16  -308.049714
 0.78531    -8664.136  -648.460239    8.92E-16
-1.19E-14   -3.09E-15    1228.402
 1.00000    -8891.218  -648.460239    8.92E-16
-1.19E-14   -5.22E-15    2777.898

 COMB    SVO04 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -7982.890  -632.720319    8.92E-16
-1.19E-14    3.30E-15   -3350.662
 0.35593    -8209.972  -636.662994    8.92E-16
-1.19E-14    1.17E-15   -1834.066
 0.57062    -8437.054  -640.605669    8.92E-16
-1.19E-14   -9.58E-16  -308.049714
 0.78531    -8664.136  -648.460239    8.92E-16
-1.19E-14   -3.09E-15    1228.402
 1.00000    -8891.218  -648.460239    8.92E-16
-1.19E-14   -5.22E-15    2777.898

 COMB    SVO05 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6210.819  -537.055682    7.33E-16
-9.30E-15    2.71E-15   -2790.930
 0.35593    -6437.901  -540.998357    7.33E-16
-9.30E-15    9.64E-16   -1502.925
 0.57062    -6664.983  -544.941032    7.33E-16
-9.30E-15   -7.87E-16  -205.498439
 0.78531    -6892.065  -552.795602    7.33E-16
-9.30E-15   -2.54E-15    1102.363
 1.00000    -7119.147  -552.795602    7.33E-16
-9.30E-15   -4.29E-15    2423.268

 COMB    SVO05 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6210.819  -537.055682    7.33E-16
-9.30E-15    2.71E-15   -2790.930
 0.35593    -6437.901  -540.998357    7.33E-16
-9.30E-15    9.64E-16   -1502.925
 0.57062    -6664.983  -544.941032    7.33E-16
-9.30E-15   -7.87E-16  -205.498439
 0.78531    -6892.065  -552.795602    7.33E-16
-9.30E-15   -2.54E-15    1102.363
 1.00000    -7119.147  -552.795602    7.33E-16
-9.30E-15   -4.29E-15    2423.268
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L   F O R C E S

 COMB    SVO06 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -8675.074  -330.618468    7.35E-16
-1.16E-14    2.72E-15   -2137.903
 0.35593    -8902.156  -330.618468    7.35E-16
-1.16E-14    9.66E-16   -1347.890
 0.57062    -9129.238  -330.618468    7.35E-16
-1.16E-14   -7.89E-16  -557.877126
 0.78531    -9356.320  -335.564468    7.35E-16
-1.16E-14   -2.54E-15   233.473942
 1.00000    -9583.402  -335.564468    7.35E-16
-1.16E-14   -4.30E-15    1035.305

 COMB    SVO06 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -8675.074  -330.618468    7.35E-16
-1.16E-14    2.72E-15   -2137.903
 0.35593    -8902.156  -330.618468    7.35E-16
-1.16E-14    9.66E-16   -1347.890
 0.57062    -9129.238  -330.618468    7.35E-16
-1.16E-14   -7.89E-16  -557.877126
 0.78531    -9356.320  -335.564468    7.35E-16
-1.16E-14   -2.54E-15   233.473942
 1.00000    -9583.402  -335.564468    7.35E-16
-1.16E-14   -4.30E-15    1035.305

 COMB    SVO07 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -8672.509  -398.007311    6.57E-16
-1.03E-14    2.43E-15   -2404.072
 0.35593    -8899.591  -398.007311    6.57E-16
-1.03E-14    8.64E-16   -1453.033
 0.57062    -9126.673  -398.007311    6.57E-16
-1.03E-14   -7.06E-16  -501.995026
 0.78531    -9353.755  -402.953311    6.57E-16
-1.03E-14   -2.28E-15   450.381683
 1.00000    -9580.837  -402.953311    6.57E-16
-1.03E-14   -3.85E-15    1413.239

 COMB    SVO07 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -8672.509  -398.007311    6.57E-16
-1.03E-14    2.43E-15   -2404.072
 0.35593    -8899.591  -398.007311    6.57E-16
-1.03E-14    8.64E-16   -1453.033
 0.57062    -9126.673  -398.007311    6.57E-16
-1.03E-14   -7.06E-16  -501.995026
 0.78531    -9353.755  -402.953311    6.57E-16
-1.03E-14   -2.28E-15   450.381683
 1.00000    -9580.837  -402.953311    6.57E-16
-1.03E-14   -3.85E-15    1413.239

 COMB    SVO08 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6903.002  -234.953831    5.75E-16
-9.01E-15    2.13E-15   -1578.170
 0.35593    -7130.084  -234.953831    5.75E-16
-9.01E-15    7.57E-16   -1016.748
 0.57062    -7357.166  -234.953831    5.75E-16
-9.01E-15   -6.18E-16  -455.325850
 0.78531    -7584.248  -239.899831    5.75E-16
-9.01E-15   -1.99E-15   107.434568
 1.00000    -7811.330  -239.899831    5.75E-16
-9.01E-15   -3.37E-15   680.675214

 COMB    SVO08 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6903.002  -234.953831    5.75E-16
-9.01E-15    2.13E-15   -1578.170
 0.35593    -7130.084  -234.953831    5.75E-16
-9.01E-15    7.57E-16   -1016.748
 0.57062    -7357.166  -234.953831    5.75E-16
-9.01E-15   -6.18E-16  -455.325850
 0.78531    -7584.248  -239.899831    5.75E-16
-9.01E-15   -1.99E-15   107.434568
 1.00000    -7811.330  -239.899831    5.75E-16
-9.01E-15   -3.37E-15   680.675214
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L   F O R C E S

 COMB    SVO09 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6900.438  -302.342674    4.98E-16
-7.74E-15    1.84E-15   -1844.339
 0.35593    -7127.520  -302.342674    4.98E-16
-7.74E-15    6.55E-16   -1121.892
 0.57062    -7354.602  -302.342674    4.98E-16
-7.74E-15   -5.35E-16  -399.443750
 0.78531    -7581.684  -307.288674    4.98E-16
-7.74E-15   -1.72E-15   324.342309
 1.00000    -7808.765  -307.288674    4.98E-16
-7.74E-15   -2.91E-15    1058.609

 COMB    SVO09 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6900.438  -302.342674    4.98E-16
-7.74E-15    1.84E-15   -1844.339
 0.35593    -7127.520  -302.342674    4.98E-16
-7.74E-15    6.55E-16   -1121.892
 0.57062    -7354.602  -302.342674    4.98E-16
-7.74E-15   -5.35E-16  -399.443750
 0.78531    -7581.684  -307.288674    4.98E-16
-7.74E-15   -1.72E-15   324.342309
 1.00000    -7808.765  -307.288674    4.98E-16
-7.74E-15   -2.91E-15    1058.609

 COMB    SVO10 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -5815.689  -619.178422    9.46E-16
-1.15E-14    3.50E-15   -3148.769
 0.35593    -6042.771  -627.063772    9.46E-16
-1.15E-14    1.24E-15   -1659.822
 0.57062    -6269.853  -634.949122    9.46E-16
-1.15E-14   -1.02E-15  -152.031657
 0.78531    -6496.934  -645.712263    9.46E-16
-1.15E-14   -3.28E-15    1375.290
 1.00000    -6724.016  -645.712263    9.46E-16
-1.15E-14   -5.54E-15    2918.220

 COMB    SVO10 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -5815.689  -619.178422    9.46E-16
-1.15E-14    3.50E-15   -3148.769
 0.35593    -6042.771  -627.063772    9.46E-16
-1.15E-14    1.24E-15   -1659.822
 0.57062    -6269.853  -634.949122    9.46E-16
-1.15E-14   -1.02E-15  -152.031657
 0.78531    -6496.934  -645.712263    9.46E-16
-1.15E-14   -3.28E-15    1375.290
 1.00000    -6724.016  -645.712263    9.46E-16
-1.15E-14   -5.54E-15    2918.220

 COMB    SVO11 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -5813.124  -686.567266    8.68E-16
-1.02E-14    3.22E-15   -3414.939
 0.35593    -6040.206  -694.452616    8.68E-16
-1.02E-14    1.14E-15   -1764.965
 0.57062    -6267.288  -702.337966    8.68E-16
-1.02E-14   -9.33E-16  -96.149557
 0.78531    -6494.370  -713.101107    8.68E-16
-1.02E-14   -3.01E-15    1592.198
 1.00000    -6721.452  -713.101107    8.68E-16
-1.02E-14   -5.08E-15    3296.153

 COMB    SVO11 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -5813.124  -686.567266    8.68E-16
-1.02E-14    3.22E-15   -3414.939
 0.35593    -6040.206  -694.452616    8.68E-16
-1.02E-14    1.14E-15   -1764.965
 0.57062    -6267.288  -702.337966    8.68E-16
-1.02E-14   -9.33E-16  -96.149557
 0.78531    -6494.370  -713.101107    8.68E-16
-1.02E-14   -3.01E-15    1592.198
 1.00000    -6721.452  -713.101107    8.68E-16
-1.02E-14   -5.08E-15    3296.153
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 COMB    SVO12 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -7985.455  -565.331475    9.70E-16
-1.31E-14    3.59E-15   -3084.493
 0.35593    -8212.537  -569.274150    9.70E-16
-1.31E-14    1.28E-15   -1728.923
 0.57062    -8439.619  -573.216825    9.70E-16
-1.31E-14   -1.04E-15  -363.931814
 0.78531    -8666.701  -581.071396    9.70E-16
-1.31E-14   -3.36E-15    1011.494
 1.00000    -8893.783  -581.071396    9.70E-16
-1.31E-14   -5.68E-15    2399.965

 COMB    SVO12 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -7985.455  -565.331475    9.70E-16
-1.31E-14    3.59E-15   -3084.493
 0.35593    -8212.537  -569.274150    9.70E-16
-1.31E-14    1.28E-15   -1728.923
 0.57062    -8439.619  -573.216825    9.70E-16
-1.31E-14   -1.04E-15  -363.931814
 0.78531    -8666.701  -581.071396    9.70E-16
-1.31E-14   -3.36E-15    1011.494
 1.00000    -8893.783  -581.071396    9.70E-16
-1.31E-14   -5.68E-15    2399.965

 COMB    SVO13 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -7982.890  -632.720319    8.92E-16
-1.19E-14    3.30E-15   -3350.662
 0.35593    -8209.972  -636.662994    8.92E-16
-1.19E-14    1.17E-15   -1834.066
 0.57062    -8437.054  -640.605669    8.92E-16
-1.19E-14   -9.58E-16  -308.049714
 0.78531    -8664.136  -648.460239    8.92E-16
-1.19E-14   -3.09E-15    1228.402
 1.00000    -8891.218  -648.460239    8.92E-16
-1.19E-14   -5.22E-15    2777.898

 COMB    SVO13 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -7982.890  -632.720319    8.92E-16
-1.19E-14    3.30E-15   -3350.662
 0.35593    -8209.972  -636.662994    8.92E-16
-1.19E-14    1.17E-15   -1834.066
 0.57062    -8437.054  -640.605669    8.92E-16
-1.19E-14   -9.58E-16  -308.049714
 0.78531    -8664.136  -648.460239    8.92E-16
-1.19E-14   -3.09E-15    1228.402
 1.00000    -8891.218  -648.460239    8.92E-16
-1.19E-14   -5.22E-15    2777.898

 COMB    SVO14 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6213.384  -469.666838    8.10E-16
-1.06E-14    3.00E-15   -2524.760
 0.35593    -6440.466  -473.609513    8.10E-16
-1.06E-14    1.07E-15   -1397.781
 0.57062    -6667.547  -477.552188    8.10E-16
-1.06E-14   -8.70E-16  -261.380538
 0.78531    -6894.629  -485.406759    8.10E-16
-1.06E-14   -2.81E-15   885.455114
 1.00000    -7121.711  -485.406759    8.10E-16
-1.06E-14   -4.74E-15    2045.335

 COMB    SVO14 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6213.384  -469.666838    8.10E-16
-1.06E-14    3.00E-15   -2524.760
 0.35593    -6440.466  -473.609513    8.10E-16
-1.06E-14    1.07E-15   -1397.781
 0.57062    -6667.547  -477.552188    8.10E-16
-1.06E-14   -8.70E-16  -261.380538
 0.78531    -6894.629  -485.406759    8.10E-16
-1.06E-14   -2.81E-15   885.455114
 1.00000    -7121.711  -485.406759    8.10E-16
-1.06E-14   -4.74E-15    2045.335
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 COMB    SVO15 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.14124    -6210.819  -537.055682    7.33E-16
-9.30E-15    2.71E-15   -2790.930
 0.35593    -6437.901  -540.998357    7.33E-16
-9.30E-15    9.64E-16   -1502.925
 0.57062    -6664.983  -544.941032    7.33E-16
-9.30E-15   -7.87E-16  -205.498439
 0.78531    -6892.065  -552.795602    7.33E-16
-9.30E-15   -2.54E-15    1102.363
 1.00000    -7119.147  -552.795602    7.33E-16
-9.30E-15   -4.29E-15    2423.268
```

COMB SVO15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6210.819	-537.055682	7.33E-16
-9.30E-15	2.71E-15	-2790.930	
0.35593	-6437.901	-540.998357	7.33E-16
-9.30E-15	9.64E-16	-1502.925	
0.57062	-6664.983	-544.941032	7.33E-16
-9.30E-15	-7.87E-16	-205.498439	
0.78531	-6892.065	-552.795602	7.33E-16
-9.30E-15	-2.54E-15	1102.363	
1.00000	-7119.147	-552.795602	7.33E-16
-9.30E-15	-4.29E-15	2423.268	

COMB ULO01 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-12780.523	-598.724446	9.90E-16
-1.56E-14	3.67E-15	-3601.066	
0.35593	-13075.729	-598.724446	9.90E-16
-1.56E-14	1.30E-15	-2170.414	
0.57062	-13370.936	-598.724446	9.90E-16
-1.56E-14	-1.06E-15	-739.762117	
0.78531	-13666.142	-605.154246	9.90E-16
-1.56E-14	-3.43E-15	692.629656	
1.00000	-13961.349	-605.154246	9.90E-16
-1.56E-14	-5.79E-15	2138.646	

COMB ULO01 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-12780.523	-598.724446	9.90E-16
-1.56E-14	3.67E-15	-3601.066	
0.35593	-13075.729	-598.724446	9.90E-16
-1.56E-14	1.30E-15	-2170.414	
0.57062	-13370.936	-598.724446	9.90E-16
-1.56E-14	-1.06E-15	-739.762117	
0.78531	-13666.142	-605.154246	9.90E-16
-1.56E-14	-3.43E-15	692.629656	
1.00000	-13961.349	-605.154246	9.90E-16
-1.56E-14	-5.79E-15	2138.646	

COMB ULO02 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8970.569	-393.045476	6.47E-16
-1.01E-14	2.40E-15	-2397.641	
0.35593	-9265.775	-393.045476	6.47E-16
-1.01E-14	8.51E-16	-1458.459	
0.57062	-9560.982	-393.045476	6.47E-16
-1.01E-14	-6.95E-16	-519.276875	
0.78531	-9856.189	-399.475276	6.47E-16
-1.01E-14	-2.24E-15	421.645002	
1.00000	-10151.395	-399.475276	6.47E-16
-1.01E-14	-3.79E-15	1376.191	

COMB ULO02 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8970.569	-393.045476	6.47E-16
-1.01E-14	2.40E-15	-2397.641	
0.35593	-9265.775	-393.045476	6.47E-16
-1.01E-14	8.51E-16	-1458.459	
0.57062	-9560.982	-393.045476	6.47E-16
-1.01E-14	-6.95E-16	-519.276875	
0.78531	-9856.189	-399.475276	6.47E-16
-1.01E-14	-2.24E-15	421.645002	
1.00000	-10151.395	-399.475276	6.47E-16
-1.01E-14	-3.79E-15	1376.191	

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COMB ULO03 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-7557.061	-892.537445	1.13E-15
-1.33E-14	4.18E-15	-4439.420	
0.35593	-7852.268	-902.788400	1.13E-15
-1.33E-14	1.48E-15	-2294.455	
0.57062	-8147.474	-913.039355	1.13E-15
-1.33E-14	-1.21E-15	-124.994424	
0.78531	-8442.681	-927.031439	1.13E-15
-1.33E-14	-3.91E-15	2069.858	
1.00000	-8737.887	-927.031439	1.13E-15
-1.33E-14	-6.61E-15	4284.999	

COMB ULO03 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-7557.061	-892.537445	1.13E-15
-1.33E-14	4.18E-15	-4439.420	
0.35593	-7852.268	-902.788400	1.13E-15
-1.33E-14	1.48E-15	-2294.455	
0.57062	-8147.474	-913.039355	1.13E-15
-1.33E-14	-1.21E-15	-124.994424	
0.78531	-8442.681	-927.031439	1.13E-15
-1.33E-14	-3.91E-15	2069.858	
1.00000	-8737.887	-927.031439	1.13E-15
-1.33E-14	-6.61E-15	4284.999	

COMB ULO04 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-10377.757	-822.536414	1.16E-15
-1.54E-14	4.30E-15	-4355.861	
0.35593	-10672.964	-827.661892	1.16E-15
-1.54E-14	1.53E-15	-2384.286	
0.57062	-10968.171	-832.787369	1.16E-15
-1.54E-14	-1.25E-15	-400.464628	
0.78531	-11263.377	-842.998311	1.16E-15
-1.54E-14	-4.02E-15	1596.923	
1.00000	-11558.584	-842.998311	1.16E-15
-1.54E-14	-6.79E-15	3611.267	

COMB ULO04 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-10377.757	-822.536414	1.16E-15
-1.54E-14	4.30E-15	-4355.861	
0.35593	-10672.964	-827.661892	1.16E-15
-1.54E-14	1.53E-15	-2384.286	
0.57062	-10968.171	-832.787369	1.16E-15
-1.54E-14	-1.25E-15	-400.464628	
0.78531	-11263.377	-842.998311	1.16E-15
-1.54E-14	-4.02E-15	1596.923	
1.00000	-11558.584	-842.998311	1.16E-15
-1.54E-14	-6.79E-15	3611.267	

COMB ULO05 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8074.064	-698.172386	9.53E-16
-1.21E-14	3.53E-15	-3628.208	
0.35593	-8369.271	-703.297864	9.53E-16
-1.21E-14	1.25E-15	-1953.802	
0.57062	-8664.478	-708.423341	9.53E-16
-1.21E-14	-1.02E-15	-267.147970	
0.78531	-8959.684	-718.634283	9.53E-16
-1.21E-14	-3.30E-15	1433.072	
1.00000	-9254.891	-718.634283	9.53E-16
-1.21E-14	-5.58E-15	3150.248	

COMB ULO05 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8074.064	-698.172386	9.53E-16
-1.21E-14	3.53E-15	-3628.208	
0.35593	-8369.271	-703.297864	9.53E-16
-1.21E-14	1.25E-15	-1953.802	
0.57062	-8664.478	-708.423341	9.53E-16
-1.21E-14	-1.02E-15	-267.147970	
0.78531	-8959.684	-718.634283	9.53E-16
-1.21E-14	-3.30E-15	1433.072	
1.00000	-9254.891	-718.634283	9.53E-16
-1.21E-14	-5.58E-15	3150.248	

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COMB ULO06 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-11277.596	-429.804008	9.55E-16
-1.50E-14	3.54E-15	-2779.274	
0.35593	-11572.803	-429.804008	9.55E-16
-1.50E-14	1.26E-15	-1752.257	
0.57062	-11868.009	-429.804008	9.55E-16
-1.50E-14	-1.03E-15	-725.240263	
0.78531	-12163.216	-436.233808	9.55E-16
-1.50E-14	-3.31E-15	303.516125	
1.00000	-12458.422	-436.233808	9.55E-16
-1.50E-14	-5.59E-15	1345.897	

COMB ULO06 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-11277.596	-429.804008	9.55E-16
-1.50E-14	3.54E-15	-2779.274	
0.35593	-11572.803	-429.804008	9.55E-16
-1.50E-14	1.26E-15	-1752.257	
0.57062	-11868.009	-429.804008	9.55E-16
-1.50E-14	-1.03E-15	-725.240263	
0.78531	-12163.216	-436.233808	9.55E-16
-1.50E-14	-3.31E-15	303.516125	
1.00000	-12458.422	-436.233808	9.55E-16
-1.50E-14	-5.59E-15	1345.897	

COMB ULO07 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-11274.262	-517.409504	8.54E-16
-1.34E-14	3.16E-15	-3125.294	
0.35593	-11569.468	-517.409504	8.54E-16
-1.34E-14	1.12E-15	-1888.944	
0.57062	-11864.675	-517.409504	8.54E-16
-1.34E-14	-9.18E-16	-652.593533	
0.78531	-12159.882	-523.839304	8.54E-16
-1.34E-14	-2.96E-15	585.496188	
1.00000	-12455.088	-523.839304	8.54E-16
-1.34E-14	-5.00E-15	1837.210	

COMB ULO07 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-11274.262	-517.409504	8.54E-16
-1.34E-14	3.16E-15	-3125.294	
0.35593	-11569.468	-517.409504	8.54E-16
-1.34E-14	1.12E-15	-1888.944	
0.57062	-11864.675	-517.409504	8.54E-16
-1.34E-14	-9.18E-16	-652.593533	
0.78531	-12159.882	-523.839304	8.54E-16
-1.34E-14	-2.96E-15	585.496188	
1.00000	-12455.088	-523.839304	8.54E-16
-1.34E-14	-5.00E-15	1837.210	

COMB ULO08 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8973.903	-305.439980	7.48E-16
-1.17E-14	2.77E-15	-2051.621	
0.35593	-9269.110	-305.439980	7.48E-16
-1.17E-14	9.84E-16	-1321.772	
0.57062	-9564.316	-305.439980	7.48E-16
-1.17E-14	-8.03E-16	-591.923605	
0.78531	-9859.523	-311.869780	7.48E-16
-1.17E-14	-2.59E-15	139.664938	
1.00000	-10154.729	-311.869780	7.48E-16
-1.17E-14	-4.38E-15	884.877778	

COMB ULO08 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8973.903	-305.439980	7.48E-16
-1.17E-14	2.77E-15	-2051.621	
0.35593	-9269.110	-305.439980	7.48E-16
-1.17E-14	9.84E-16	-1321.772	
0.57062	-9564.316	-305.439980	7.48E-16
-1.17E-14	-8.03E-16	-591.923605	
0.78531	-9859.523	-311.869780	7.48E-16
-1.17E-14	-2.59E-15	139.664938	
1.00000	-10154.729	-311.869780	7.48E-16
-1.17E-14	-4.38E-15	884.877778	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO09 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-8970.569	-393.045476	6.47E-16
-1.01E-14	2.40E-15	-2397.641	
0.35593	-9265.775	-393.045476	6.47E-16
-1.01E-14	8.51E-16	-1458.459	
0.57062	-9560.982	-393.045476	6.47E-16
-1.01E-14	-6.95E-16	-519.276875	
0.78531	-9856.189	-399.475276	6.47E-16
-1.01E-14	-2.24E-15	421.645002	
1.00000	-10151.395	-399.475276	6.47E-16
-1.01E-14	-3.79E-15	1376.191	

COMB ULO09 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-8970.569	-393.045476	6.47E-16
-1.01E-14	2.40E-15	-2397.641	
0.35593	-9265.775	-393.045476	6.47E-16
-1.01E-14	8.51E-16	-1458.459	
0.57062	-9560.982	-393.045476	6.47E-16
-1.01E-14	-6.95E-16	-519.276875	
0.78531	-9856.189	-399.475276	6.47E-16
-1.01E-14	-2.24E-15	421.645002	
1.00000	-10151.395	-399.475276	6.47E-16
-1.01E-14	-3.79E-15	1376.191	

COMB ULO10 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-7269.611	-773.973028	1.18E-15
-1.43E-14	4.38E-15	-3935.962	
0.35593	-7553.463	-783.829715	1.18E-15
-1.43E-14	1.56E-15	-2074.777	
0.57062	-7837.316	-793.686403	1.18E-15
-1.43E-14	-1.27E-15	-190.039571	
0.78531	-8121.168	-807.140329	1.18E-15
-1.43E-14	-4.10E-15	1719.113	
1.00000	-8405.021	-807.140329	1.18E-15
-1.43E-14	-6.92E-15	3647.775	

COMB ULO10 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-7269.611	-773.973028	1.18E-15
-1.43E-14	4.38E-15	-3935.962	
0.35593	-7553.463	-783.829715	1.18E-15
-1.43E-14	1.56E-15	-2074.777	
0.57062	-7837.316	-793.686403	1.18E-15
-1.43E-14	-1.27E-15	-190.039571	
0.78531	-8121.168	-807.140329	1.18E-15
-1.43E-14	-4.10E-15	1719.113	
1.00000	-8405.021	-807.140329	1.18E-15
-1.43E-14	-6.92E-15	3647.775	

COMB ULO11 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-7266.405	-858.209082	1.09E-15
-1.28E-14	4.02E-15	-4268.673	
0.35593	-7550.257	-868.065770	1.09E-15
-1.28E-14	1.43E-15	-2206.206	
0.57062	-7834.110	-877.922457	1.09E-15
-1.28E-14	-1.17E-15	-120.186946	
0.78531	-8117.962	-891.376383	1.09E-15
-1.28E-14	-3.76E-15	1990.248	
1.00000	-8401.815	-891.376383	1.09E-15
-1.28E-14	-6.35E-15	4120.192	

COMB ULO11 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-7266.405	-858.209082	1.09E-15
-1.28E-14	4.02E-15	-4268.673	
0.35593	-7550.257	-868.065770	1.09E-15
-1.28E-14	1.43E-15	-2206.206	
0.57062	-7834.110	-877.922457	1.09E-15
-1.28E-14	-1.17E-15	-120.186946	
0.78531	-8117.962	-891.376383	1.09E-15
-1.28E-14	-3.76E-15	1990.248	
1.00000	-8401.815	-891.376383	1.09E-15
-1.28E-14	-6.35E-15	4120.192	

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COMB ULO12 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-9981.819	-706.664344	1.21E-15
-1.64E-14	4.49E-15	-3855.616	
0.35593	-10265.671	-711.592688	1.21E-15
-1.64E-14	1.59E-15	-2161.154	
0.57062	-10549.524	-716.521031	1.21E-15
-1.64E-14	-1.30E-15	-454.914767	
0.78531	-10833.376	-726.339245	1.21E-15
-1.64E-14	-4.20E-15	1264.368	
1.00000	-11117.229	-726.339245	1.21E-15
-1.64E-14	-7.09E-15	2999.956	

COMB ULO12 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-9981.819	-706.664344	1.21E-15
-1.64E-14	4.49E-15	-3855.616	
0.35593	-10265.671	-711.592688	1.21E-15
-1.64E-14	1.59E-15	-2161.154	
0.57062	-10549.524	-716.521031	1.21E-15
-1.64E-14	-1.30E-15	-454.914767	
0.78531	-10833.376	-726.339245	1.21E-15
-1.64E-14	-4.20E-15	1264.368	
1.00000	-11117.229	-726.339245	1.21E-15
-1.64E-14	-7.09E-15	2999.956	

COMB ULO13 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-9978.613	-790.900398	1.11E-15
-1.48E-14	4.13E-15	-4188.328	
0.35593	-10262.465	-795.828742	1.11E-15
-1.48E-14	1.47E-15	-2292.583	
0.57062	-10546.318	-800.757086	1.11E-15
-1.48E-14	-1.20E-15	-385.062142	
0.78531	-10830.170	-810.575299	1.11E-15
-1.48E-14	-3.86E-15	1535.503	
1.00000	-11114.023	-810.575299	1.11E-15
-1.48E-14	-6.53E-15	3472.372	

COMB ULO13 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-9978.613	-790.900398	1.11E-15
-1.48E-14	4.13E-15	-4188.328	
0.35593	-10262.465	-795.828742	1.11E-15
-1.48E-14	1.47E-15	-2292.583	
0.57062	-10546.318	-800.757086	1.11E-15
-1.48E-14	-1.20E-15	-385.062142	
0.78531	-10830.170	-810.575299	1.11E-15
-1.48E-14	-3.86E-15	1535.503	
1.00000	-11114.023	-810.575299	1.11E-15
-1.48E-14	-6.53E-15	3472.372	

COMB ULO14 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-7766.729	-587.083548	1.01E-15
-1.32E-14	3.75E-15	-3155.951	
0.35593	-8050.582	-592.011892	1.01E-15
-1.32E-14	1.33E-15	-1747.226	
0.57062	-8334.434	-596.940235	1.01E-15
-1.32E-14	-1.09E-15	-326.725673	
0.78531	-8618.287	-606.758449	1.01E-15
-1.32E-14	-3.51E-15	1106.819	
1.00000	-8902.139	-606.758449	1.01E-15
-1.32E-14	-5.93E-15	2556.668	

COMB ULO14 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-7766.729	-587.083548	1.01E-15
-1.32E-14	3.75E-15	-3155.951	
0.35593	-8050.582	-592.011892	1.01E-15
-1.32E-14	1.33E-15	-1747.226	
0.57062	-8334.434	-596.940235	1.01E-15
-1.32E-14	-1.09E-15	-326.725673	
0.78531	-8618.287	-606.758449	1.01E-15
-1.32E-14	-3.51E-15	1106.819	
1.00000	-8902.139	-606.758449	1.01E-15
-1.32E-14	-5.93E-15	2556.668	

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COMB ULO15 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-7763.524	-671.319602	9.16E-16
-1.16E-14	3.39E-15	-3488.662	
0.35593	-8047.376	-676.247946	9.16E-16
-1.16E-14	1.20E-15	-1878.656	
0.57062	-8331.228	-681.176290	9.16E-16
-1.16E-14	-9.84E-16	-256.873048	
0.78531	-8615.081	-690.994503	9.16E-16
-1.16E-14	-3.17E-15	1377.954	
1.00000	-8898.933	-690.994503	9.16E-16
-1.16E-14	-5.36E-15	3029.085	

COMB ULO15 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-7763.524	-671.319602	9.16E-16
-1.16E-14	3.39E-15	-3488.662	
0.35593	-8047.376	-676.247946	9.16E-16
-1.16E-14	1.20E-15	-1878.656	
0.57062	-8331.228	-681.176290	9.16E-16
-1.16E-14	-9.84E-16	-256.873048	
0.78531	-8615.081	-690.994503	9.16E-16
-1.16E-14	-3.17E-15	1377.954	
1.00000	-8898.933	-690.994503	9.16E-16
-1.16E-14	-5.36E-15	3029.085	

COMB ULO16 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6900.438	-302.342674	4.98E-16
-7.74E-15	1.84E-15	-1844.339	
0.35593	-7127.520	-302.342674	4.98E-16
-7.74E-15	6.55E-16	-1121.892	
0.57062	-7354.602	-302.342674	4.98E-16
-7.74E-15	-5.35E-16	-399.443750	
0.78531	-7581.684	-307.288674	4.98E-16
-7.74E-15	-1.72E-15	324.342309	
1.00000	-7808.765	-307.288674	4.98E-16
-7.74E-15	-2.91E-15	1058.609	

COMB ULO16 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6900.438	-302.342674	4.98E-16
-7.74E-15	1.84E-15	-1844.339	
0.35593	-7127.520	-302.342674	4.98E-16
-7.74E-15	6.55E-16	-1121.892	
0.57062	-7354.602	-302.342674	4.98E-16
-7.74E-15	-5.35E-16	-399.443750	
0.78531	-7581.684	-307.288674	4.98E-16
-7.74E-15	-1.72E-15	324.342309	
1.00000	-7808.765	-307.288674	4.98E-16
-7.74E-15	-2.91E-15	1058.609	

COMB ULO17 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-11274.262	-517.409504	8.54E-16
-1.34E-14	3.16E-15	-3125.294	
0.35593	-11569.468	-517.409504	8.54E-16
-1.34E-14	1.12E-15	-1888.944	
0.57062	-11864.675	-517.409504	8.54E-16
-1.34E-14	-9.18E-16	-652.593533	
0.78531	-12159.882	-523.839304	8.54E-16
-1.34E-14	-2.96E-15	585.496188	
1.00000	-12455.088	-523.839304	8.54E-16
-1.34E-14	-5.00E-15	1837.210	

COMB ULO17 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-11274.262	-517.409504	8.54E-16
-1.34E-14	3.16E-15	-3125.294	
0.35593	-11569.468	-517.409504	8.54E-16
-1.34E-14	1.12E-15	-1888.944	
0.57062	-11864.675	-517.409504	8.54E-16
-1.34E-14	-9.18E-16	-652.593533	
0.78531	-12159.882	-523.839304	8.54E-16
-1.34E-14	-2.96E-15	585.496188	
1.00000	-12455.088	-523.839304	8.54E-16
-1.34E-14	-5.00E-15	1837.210	

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COMB ULO18 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.14124	-6975.749	-823.880719	1.04E-15
-1.22E-14	3.86E-15	-4097.926	
0.35593	-7248.247	-833.343139	1.04E-15
-1.22E-14	1.37E-15	-2117.958	
0.57062	-7520.745	-842.805559	1.04E-15
-1.22E-14	-1.12E-15	-115.379469	
0.78531	-7793.244	-855.721328	1.04E-15
-1.22E-14	-3.61E-15	1910.638	
1.00000	-8065.742	-855.721328	1.04E-15
-1.22E-14	-6.10E-15	3955.384	

COMB ULO18 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.14124	-6975.749	-823.880719	1.04E-15
-1.22E-14	3.86E-15	-4097.926	
0.35593	-7248.247	-833.343139	1.04E-15
-1.22E-14	1.37E-15	-2117.958	
0.57062	-7520.745	-842.805559	1.04E-15
-1.22E-14	-1.12E-15	-115.379469	

0.78531 -7793.244 -855.721328 1.04E-15
-1.22E-14 -3.61E-15 1910.638
1.00000 -8065.742 -855.721328 1.04E-15
-1.22E-14 -6.10E-15 3955.384

COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10710.221	-508.025848	8.40E-16
-1.33E-14	3.11E-15	-3048.284	
0.35593	-10937.303	-508.025848	8.40E-16
-1.33E-14	1.11E-15	-1834.357	
0.57062	-11164.385	-508.025848	8.40E-16
-1.33E-14	-9.03E-16	-620.428845	
0.78531	-11391.467	-514.455648	8.40E-16
-1.33E-14	-2.91E-15	595.238629	
1.00000	-11618.549	-514.455648	8.40E-16
-1.33E-14	-4.92E-15	1824.530	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10710.221	-508.025848	8.40E-16
-1.33E-14	3.11E-15	-3048.284	
0.35593	-10937.303	-508.025848	8.40E-16
-1.33E-14	1.11E-15	-1834.357	
0.57062	-11164.385	-508.025848	8.40E-16
-1.33E-14	-9.03E-16	-620.428845	
0.78531	-11391.467	-514.455648	8.40E-16
-1.33E-14	-2.91E-15	595.238629	
1.00000	-11618.549	-514.455648	8.40E-16
-1.33E-14	-4.92E-15	1824.530	

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6900.267	-302.346879	4.98E-16
-7.74E-15	1.84E-15	-1844.859	
0.35593	-7127.349	-302.346879	4.98E-16
-7.74E-15	6.55E-16	-1122.401	
0.57062	-7354.431	-302.346879	4.98E-16
-7.74E-15	-5.35E-16	-399.943603	
0.78531	-7581.513	-308.776679	4.98E-16
-7.74E-15	-1.72E-15	324.253974	
1.00000	-7808.595	-308.776679	4.98E-16
-7.74E-15	-2.91E-15	1062.076	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6900.267	-302.346879	4.98E-16
-7.74E-15	1.84E-15	-1844.859	
0.35593	-7127.349	-302.346879	4.98E-16
-7.74E-15	6.55E-16	-1122.401	
0.57062	-7354.431	-302.346879	4.98E-16
-7.74E-15	-5.35E-16	-399.943603	
0.78531	-7581.513	-308.776679	4.98E-16
-7.74E-15	-1.72E-15	324.253974	
1.00000	-7808.595	-308.776679	4.98E-16
-7.74E-15	-2.91E-15	1062.076	

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COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5486.759	-801.838848	9.80E-16
-1.09E-14	3.63E-15	-3886.638	
0.35593	-5713.841	-812.089803	9.80E-16
-1.09E-14	1.29E-15	-1958.397	
0.57062	-5940.923	-822.340758	9.80E-16
-1.09E-14	-1.05E-15	-5.661152	
0.78531	-6168.005	-836.332841	9.80E-16
-1.09E-14	-3.39E-15	1972.467	
1.00000	-6395.087	-836.332841	9.80E-16
-1.09E-14	-5.73E-15	3970.884	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5486.759	-801.838848	9.80E-16
-1.09E-14	3.63E-15	-3886.638	
0.35593	-5713.841	-812.089803	9.80E-16
-1.09E-14	1.29E-15	-1958.397	
0.57062	-5940.923	-822.340758	9.80E-16
-1.09E-14	-1.05E-15	-5.661152	
0.78531	-6168.005	-836.332841	9.80E-16
-1.09E-14	-3.39E-15	1972.467	
1.00000	-6395.087	-836.332841	9.80E-16
-1.09E-14	-5.73E-15	3970.884	

COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8307.456	-731.837816	1.01E-15
-1.31E-14	3.74E-15	-3803.079	
0.35593	-8534.538	-736.963294	1.01E-15
-1.31E-14	1.33E-15	-2048.229	
0.57062	-8761.620	-742.088771	1.01E-15
-1.31E-14	-1.09E-15	-281.131356	
0.78531	-8988.702	-752.299713	1.01E-15
-1.31E-14	-3.50E-15	1499.532	
1.00000	-9215.784	-752.299713	1.01E-15
-1.31E-14	-5.91E-15	3297.152	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8307.456	-731.837816	1.01E-15
-1.31E-14	3.74E-15	-3803.079	
0.35593	-8534.538	-736.963294	1.01E-15
-1.31E-14	1.33E-15	-2048.229	
0.57062	-8761.620	-742.088771	1.01E-15
-1.31E-14	-1.09E-15	-281.131356	
0.78531	-8988.702	-752.299713	1.01E-15
-1.31E-14	-3.50E-15	1499.532	
1.00000	-9215.784	-752.299713	1.01E-15
-1.31E-14	-5.91E-15	3297.152	

COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6003.763	-607.473788	8.03E-16
-9.77E-15	2.98E-15	-3075.427	
0.35593	-6230.845	-612.599266	8.03E-16
-9.77E-15	1.06E-15	-1617.744	
0.57062	-6457.927	-617.724743	8.03E-16
-9.77E-15	-8.63E-16	-147.814698	
0.78531	-6685.009	-627.935685	8.03E-16
-9.77E-15	-2.78E-15	1335.681	
1.00000	-6912.091	-627.935685	8.03E-16
-9.77E-15	-4.70E-15	2836.133	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6003.763	-607.473788	8.03E-16
-9.77E-15	2.98E-15	-3075.427	
0.35593	-6230.845	-612.599266	8.03E-16
-9.77E-15	1.06E-15	-1617.744	
0.57062	-6457.927	-617.724743	8.03E-16
-9.77E-15	-8.63E-16	-147.814698	
0.78531	-6685.009	-627.935685	8.03E-16
-9.77E-15	-2.78E-15	1335.681	
1.00000	-6912.091	-627.935685	8.03E-16
-9.77E-15	-4.70E-15	2836.133	

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COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9207.294	-339.105410	8.06E-16
-1.27E-14	2.99E-15	-2226.492	
0.35593	-9434.376	-339.105410	8.06E-16
-1.27E-14	1.06E-15	-1416.199	
0.57062	-9661.458	-339.105410	8.06E-16
-1.27E-14	-8.66E-16	-605.906991	
0.78531	-9888.540	-345.535210	8.06E-16
-1.27E-14	-2.79E-15	206.125097	
1.00000	-10115.622	-345.535210	8.06E-16
-1.27E-14	-4.72E-15	1031.781	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9207.294	-339.105410	8.06E-16
-1.27E-14	2.99E-15	-2226.492	
0.35593	-9434.376	-339.105410	8.06E-16
-1.27E-14	1.06E-15	-1416.199	
0.57062	-9661.458	-339.105410	8.06E-16
-1.27E-14	-8.66E-16	-605.906991	
0.78531	-9888.540	-345.535210	8.06E-16
-1.27E-14	-2.79E-15	206.125097	
1.00000	-10115.622	-345.535210	8.06E-16
-1.27E-14	-4.72E-15	1031.781	

COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9203.960	-426.710906	7.05E-16
-1.11E-14	2.61E-15	-2572.512	
0.35593	-9431.042	-426.710906	7.05E-16
-1.11E-14	9.27E-16	-1552.886	
0.57062	-9658.124	-426.710906	7.05E-16
-1.11E-14	-7.57E-16	-533.260261	
0.78531	-9885.206	-433.140706	7.05E-16
-1.11E-14	-2.44E-15	488.105161	
1.00000	-10112.288	-433.140706	7.05E-16
-1.11E-14	-4.13E-15	1523.095	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9203.960	-426.710906	7.05E-16
-1.11E-14	2.61E-15	-2572.512	
0.35593	-9431.042	-426.710906	7.05E-16
-1.11E-14	9.27E-16	-1552.886	
0.57062	-9658.124	-426.710906	7.05E-16
-1.11E-14	-7.57E-16	-533.260261	
0.78531	-9885.206	-433.140706	7.05E-16
-1.11E-14	-2.44E-15	488.105161	
1.00000	-10112.288	-433.140706	7.05E-16
-1.11E-14	-4.13E-15	1523.095	

COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6903.601	-214.741382	5.99E-16
-9.39E-15	2.22E-15	-1498.839	
0.35593	-7130.683	-214.741382	5.99E-16
-9.39E-15	7.87E-16	-985.714866	
0.57062	-7357.765	-214.741382	5.99E-16
-9.39E-15	-6.43E-16	-472.590333	
0.78531	-7584.847	-221.171182	5.99E-16
-9.39E-15	-2.07E-15	42.273911	
1.00000	-7811.929	-221.171182	5.99E-16
-9.39E-15	-3.50E-15	570.762451	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6903.601	-214.741382	5.99E-16
-9.39E-15	2.22E-15	-1498.839	
0.35593	-7130.683	-214.741382	5.99E-16
-9.39E-15	7.87E-16	-985.714866	
0.57062	-7357.765	-214.741382	5.99E-16
-9.39E-15	-6.43E-16	-472.590333	
0.78531	-7584.847	-221.171182	5.99E-16
-9.39E-15	-2.07E-15	42.273911	
1.00000	-7811.929	-221.171182	5.99E-16
-9.39E-15	-3.50E-15	570.762451	

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COMB UEO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6900.267	-302.346879	4.98E-16
-7.74E-15	1.84E-15	-1844.859	
0.35593	-7127.349	-302.346879	4.98E-16
-7.74E-15	6.55E-16	-1122.401	
0.57062	-7354.431	-302.346879	4.98E-16
-7.74E-15	-5.35E-16	-399.943603	
0.78531	-7581.513	-308.776679	4.98E-16
-7.74E-15	-1.72E-15	324.253974	
1.00000	-7808.595	-308.776679	4.98E-16
-7.74E-15	-2.91E-15	1062.076	

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6900.267	-302.346879	4.98E-16
-7.74E-15	1.84E-15	-1844.859	
0.35593	-7127.349	-302.346879	4.98E-16
-7.74E-15	6.55E-16	-1122.401	
0.57062	-7354.431	-302.346879	4.98E-16
-7.74E-15	-5.35E-16	-399.943603	
0.78531	-7581.513	-308.776679	4.98E-16
-7.74E-15	-1.72E-15	324.253974	
1.00000	-7808.595	-308.776679	4.98E-16
-7.74E-15	-2.91E-15	1062.076	

COMB UEO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5199.309	-683.274430	1.03E-15
-1.20E-14	3.83E-15	-3383.180	
0.35593	-5415.037	-693.131117	1.03E-15
-1.20E-14	1.36E-15	-1738.719	
0.57062	-5630.765	-702.987805	1.03E-15
-1.20E-14	-1.11E-15	-70.706299	
0.78531	-5846.493	-716.441731	1.03E-15
-1.20E-14	-3.58E-15	1621.722	
1.00000	-6062.220	-716.441731	1.03E-15
-1.20E-14	-6.05E-15	3333.660	

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5199.309	-683.274430	1.03E-15
-1.20E-14	3.83E-15	-3383.180	
0.35593	-5415.037	-693.131117	1.03E-15
-1.20E-14	1.36E-15	-1738.719	
0.57062	-5630.765	-702.987805	1.03E-15
-1.20E-14	-1.11E-15	-70.706299	
0.78531	-5846.493	-716.441731	1.03E-15
-1.20E-14	-3.58E-15	1621.722	
1.00000	-6062.220	-716.441731	1.03E-15
-1.20E-14	-6.05E-15	3333.660	

COMB UEO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5196.103	-767.510484	9.36E-16
-1.04E-14	3.47E-15	-3715.891	
0.35593	-5411.831	-777.367172	9.36E-16
-1.04E-14	1.23E-15	-1870.149	
0.57062	-5627.559	-787.223859	9.36E-16
-1.04E-14	-1.01E-15	-0.853674	
0.78531	-5843.287	-800.677785	9.36E-16
-1.04E-14	-3.24E-15	1892.857	
1.00000	-6059.015	-800.677785	9.36E-16
-1.04E-14	-5.48E-15	3806.076	

COMB UEO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5196.103	-767.510484	9.36E-16
-1.04E-14	3.47E-15	-3715.891	
0.35593	-5411.831	-777.367172	9.36E-16
-1.04E-14	1.23E-15	-1870.149	
0.57062	-5627.559	-787.223859	9.36E-16
-1.04E-14	-1.01E-15	-0.853674	
0.78531	-5843.287	-800.677785	9.36E-16
-1.04E-14	-3.24E-15	1892.857	
1.00000	-6059.015	-800.677785	9.36E-16
-1.04E-14	-5.48E-15	3806.076	

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COMB UEO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7911.517	-615.965746	1.06E-15
-1.41E-14	3.94E-15	-3302.834	
0.35593	-8127.245	-620.894090	1.06E-15
-1.41E-14	1.40E-15	-1825.096	
0.57062	-8342.973	-625.822434	1.06E-15
-1.41E-14	-1.14E-15	-335.581495	
0.78531	-8558.701	-635.640647	1.06E-15
-1.41E-14	-3.68E-15	1166.977	
1.00000	-8774.429	-635.640647	1.06E-15
-1.41E-14	-6.22E-15	2685.840	

COMB UEO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7911.517	-615.965746	1.06E-15
-1.41E-14	3.94E-15	-3302.834	
0.35593	-8127.245	-620.894090	1.06E-15
-1.41E-14	1.40E-15	-1825.096	
0.57062	-8342.973	-625.822434	1.06E-15
-1.41E-14	-1.14E-15	-335.581495	
0.78531	-8558.701	-635.640647	1.06E-15
-1.41E-14	-3.68E-15	1166.977	
1.00000	-8774.429	-635.640647	1.06E-15
-1.41E-14	-6.22E-15	2685.840	

COMB UEO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7908.311	-700.201800	9.66E-16
-1.25E-14	3.58E-15	-3635.546	
0.35593	-8124.039	-705.130144	9.66E-16
-1.25E-14	1.27E-15	-1956.525	
0.57062	-8339.767	-710.058488	9.66E-16
-1.25E-14	-1.04E-15	-265.728870	
0.78531	-8555.495	-719.876701	9.66E-16
-1.25E-14	-3.35E-15	1438.112	
1.00000	-8771.223	-719.876701	9.66E-16
-1.25E-14	-5.65E-15	3158.257	

COMB UEO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7908.311	-700.201800	9.66E-16
-1.25E-14	3.58E-15	-3635.546	
0.35593	-8124.039	-705.130144	9.66E-16
-1.25E-14	1.27E-15	-1956.525	
0.57062	-8339.767	-710.058488	9.66E-16
-1.25E-14	-1.04E-15	-265.728870	
0.78531	-8555.495	-719.876701	9.66E-16
-1.25E-14	-3.35E-15	1438.112	
1.00000	-8771.223	-719.876701	9.66E-16
-1.25E-14	-5.65E-15	3158.257	

COMB UEO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5696.428	-496.384950	8.64E-16
-1.09E-14	3.20E-15	-2603.169	
0.35593	-5912.156	-501.313294	8.64E-16
-1.09E-14	1.14E-15	-1411.169	
0.57062	-6127.883	-506.241638	8.64E-16
-1.09E-14	-9.28E-16	-207.392401	
0.78531	-6343.611	-516.059851	8.64E-16
-1.09E-14	-2.99E-15	1009.428	
1.00000	-6559.339	-516.059851	8.64E-16
-1.09E-14	-5.06E-15	2242.553	

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COMB UEO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5693.222	-580.621004	7.67E-16
-9.30E-15	2.84E-15	-2935.880	
0.35593	-5908.950	-585.549348	7.67E-16
-9.30E-15	1.01E-15	-1542.598	
0.57062	-6124.678	-590.477692	7.67E-16
-9.30E-15	-8.24E-16	-137.539776	
0.78531	-6340.405	-600.295905	7.67E-16
-9.30E-15	-2.66E-15	1280.563	
1.00000	-6556.133	-600.295905	7.67E-16
-9.30E-15	-4.49E-15	2714.970	

COMB UEO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-5693.222	-580.621004	7.67E-16
-9.30E-15	2.84E-15	-2935.880	
0.35593	-5908.950	-585.549348	7.67E-16
-9.30E-15	1.01E-15	-1542.598	
0.57062	-6124.678	-590.477692	7.67E-16
-9.30E-15	-8.24E-16	-137.539776	
0.78531	-6340.405	-600.295905	7.67E-16
-9.30E-15	-2.66E-15	1280.563	
1.00000	-6556.133	-600.295905	7.67E-16
-9.30E-15	-4.49E-15	2714.970	

COMB UEO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6900.438	-302.342674	4.98E-16
-7.74E-15	1.84E-15	-1844.339	
0.35593	-7127.520	-302.342674	4.98E-16
-7.74E-15	6.55E-16	-1121.892	
0.57062	-7354.602	-302.342674	4.98E-16
-7.74E-15	-5.35E-16	-399.443750	
0.78531	-7581.684	-307.288674	4.98E-16
-7.74E-15	-1.72E-15	324.342309	
1.00000	-7808.765	-307.288674	4.98E-16
-7.74E-15	-2.91E-15	1058.609	

COMB UEO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6900.438	-302.342674	4.98E-16
-7.74E-15	1.84E-15	-1844.339	
0.35593	-7127.520	-302.342674	4.98E-16
-7.74E-15	6.55E-16	-1121.892	
0.57062	-7354.602	-302.342674	4.98E-16
-7.74E-15	-5.35E-16	-399.443750	
0.78531	-7581.684	-307.288674	4.98E-16
-7.74E-15	-1.72E-15	324.342309	
1.00000	-7808.765	-307.288674	4.98E-16
-7.74E-15	-2.91E-15	1058.609	

COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9203.960	-426.710906	7.05E-16
-1.11E-14	2.61E-15	-2572.512	
0.35593	-9431.042	-426.710906	7.05E-16
-1.11E-14	9.27E-16	-1552.886	
0.57062	-9658.124	-426.710906	7.05E-16
-1.11E-14	-7.57E-16	-533.260261	
0.78531	-9885.206	-433.140706	7.05E-16
-1.11E-14	-2.44E-15	488.105161	
1.00000	-10112.288	-433.140706	7.05E-16
-1.11E-14	-4.13E-15	1523.095	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9203.960	-426.710906	7.05E-16
-1.11E-14	2.61E-15	-2572.512	
0.35593	-9431.042	-426.710906	7.05E-16
-1.11E-14	9.27E-16	-1552.886	
0.57062	-9658.124	-426.710906	7.05E-16
-1.11E-14	-7.57E-16	-533.260261	
0.78531	-9885.206	-433.140706	7.05E-16
-1.11E-14	-2.44E-15	488.105161	
1.00000	-10112.288	-433.140706	7.05E-16
-1.11E-14	-4.13E-15	1523.095	

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COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-4905.447	-733.182121	8.93E-16
-9.92E-15	3.31E-15	-3545.144	
0.35593	-5109.821	-742.644541	8.93E-16
-9.92E-15	1.17E-15	-1781.901	
0.57062	-5314.194	-752.106961	8.93E-16
-9.92E-15	-9.59E-16	3.953804	
0.78531	-5518.568	-765.022730	8.93E-16
-9.92E-15	-3.09E-15	1813.247	
1.00000	-5722.942	-765.022730	8.93E-16
-9.92E-15	-5.23E-15	3641.269	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-4905.447	-733.182121	8.93E-16
-9.92E-15	3.31E-15	-3545.144	
0.35593	-5109.821	-742.644541	8.93E-16
-9.92E-15	1.17E-15	-1781.901	
0.57062	-5314.194	-752.106961	8.93E-16
-9.92E-15	-9.59E-16	3.953804	
0.78531	-5518.568	-765.022730	8.93E-16
-9.92E-15	-3.09E-15	1813.247	
1.00000	-5722.942	-765.022730	8.93E-16
-9.92E-15	-5.23E-15	3641.269	

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12781.261	-598.706226	9.89E-16

-1.56E-14 3.67E-15 -3598.813
0.35593 -13076.468 -598.706226 9.89E-16
-1.56E-14 1.30E-15 -2168.205
0.57062 -13371.674 -598.706226 9.89E-16
-1.56E-14 -1.06E-15 -737.596088
0.78531 -13666.881 -598.706226 9.89E-16
-1.56E-14 -3.43E-15 693.012440
1.00000 -13962.087 -598.706226 9.89E-16
-1.56E-14 -5.79E-15 2123.621

COMB ENVBULT ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -12781.261 -598.706226 9.89E-16
-1.56E-14 3.67E-15 -3598.813
0.35593 -13076.468 -598.706226 9.89E-16
-1.56E-14 1.30E-15 -2168.205
0.57062 -13371.674 -598.706226 9.89E-16
-1.56E-14 -1.06E-15 -737.596088
0.78531 -13666.881 -598.706226 9.89E-16
-1.56E-14 -3.43E-15 693.012440
1.00000 -13962.087 -598.706226 9.89E-16
-1.56E-14 -5.79E-15 2123.621

COMB ENVBECC ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6901.006 -302.328660 8.40E-16
-7.74E-15 3.11E-15 -1842.606
0.35593 -7128.088 -302.328660 8.40E-16
-7.74E-15 1.10E-15 -1120.192
0.57062 -7355.170 -302.328660 8.40E-16
-7.74E-15 -5.34E-16 -397.777574
0.78531 -7582.252 -302.328660 8.40E-16
-7.74E-15 -1.72E-15 595.621413
1.00000 -7809.334 -302.328660 8.40E-16
-7.74E-15 -2.91E-15 1809.506

COMB ENVBECC ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -10710.960 -508.007629 4.98E-16
-1.33E-14 1.84E-15 -3046.031
0.35593 -10938.042 -508.007629 4.98E-16
-1.33E-14 6.54E-16 -1832.147
0.57062 -11165.123 -508.007629 4.98E-16
-1.33E-14 -9.02E-16 -618.262816
0.78531 -11392.205 -508.007629 4.98E-16
-1.33E-14 -2.91E-15 324.636758
1.00000 -11619.287 -508.007629 4.98E-16
-1.33E-14 -4.92E-15 1047.051
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COMB ENVOULT ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -12780.523 -598.724446 9.90E-16
-1.56E-14 3.67E-15 -3601.066
0.35593 -13075.729 -598.724446 9.90E-16
-1.56E-14 1.30E-15 -2170.414
0.57062 -13370.936 -598.724446 9.90E-16
-1.56E-14 -1.06E-15 -739.762117
0.78531 -13666.142 -605.154246 9.90E-16
-1.56E-14 -3.43E-15 692.629656
1.00000 -13961.349 -605.154246 9.90E-16
-1.56E-14 -5.79E-15 2138.646

COMB ENVOULT ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -12780.523 -598.724446 9.90E-16
-1.56E-14 3.67E-15 -3601.066
0.35593 -13075.729 -598.724446 9.90E-16
-1.56E-14 1.30E-15 -2170.414
0.57062 -13370.936 -598.724446 9.90E-16
-1.56E-14 -1.06E-15 -739.762117
0.78531 -13666.142 -605.154246 9.90E-16
-1.56E-14 -3.43E-15 692.629656
1.00000 -13961.349 -605.154246 9.90E-16
-1.56E-14 -5.79E-15 2138.646

COMB ENVOECC ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6900.267 -302.346879 8.40E-16
-7.74E-15 3.11E-15 -1844.859
0.35593 -7127.349 -302.346879 8.40E-16
-7.74E-15 1.11E-15 -1122.401
0.57062 -7354.431 -302.346879 8.40E-16
-7.74E-15 -5.35E-16 -399.943603
0.78531 -7581.513 -308.776679 8.40E-16
-7.74E-15 -1.72E-15 595.238629
1.00000 -7808.595 -308.776679 8.40E-16
-7.74E-15 -2.91E-15 1824.530

COMB ENVOECC ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -10710.221 -508.025848 4.98E-16
-1.33E-14 1.84E-15 -3048.284
0.35593 -10937.303 -508.025848 4.98E-16
-1.33E-14 6.55E-16 -1834.357
0.57062 -11164.385 -508.025848 4.98E-16
-1.33E-14 -9.03E-16 -620.428845
0.78531 -11391.467 -514.455648 4.98E-16
-1.33E-14 -2.91E-15 324.253974
1.00000 -11618.549 -514.455648 4.98E-16
-1.33E-14 -4.92E-15 1062.076

ELEM 18 ========== LENGTH = 11.130000

LOAD D ----------

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

LOAD L1 ----------

REL DIST P V2 V3
T M2 M3
0.14124 -1887.468 95.664637 -1.59E-16
3.49E-15 -5.90E-16 609.215526
0.35593 -1887.468 95.664637 -1.59E-16
3.49E-15 -2.10E-16 380.624877
0.57062 -1887.468 95.664637 -1.59E-16
3.49E-15 1.71E-16 152.034227
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REL DIST P V2 V3
T M2 M3
0.78531 -1887.468 95.664637 -1.59E-16
3.49E-15 5.52E-16 -76.556422
1.00000 -1887.468 95.664637 -1.59E-16
3.49E-15 9.32E-16 -305.147072

LOAD W-LO ----------

REL DIST P V2 V3
T M2 M3
0.14124 7.28E-18 1.14E-17 35.927249
-5.692359 -65.345154 9.06E-17
0.35593 7.28E-18 1.14E-17 43.812599
-5.692359 -160.614336 6.34E-17
0.57062 7.28E-18 1.14E-17 51.697949
-5.692359 -274.725562 3.63E-17
0.78531 7.28E-18 1.14E-17 57.515090
-5.692359 -407.030728 9.08E-18
1.00000 7.28E-18 1.14E-17 57.515090
-5.692359 -544.463035 -1.81E-17

LOAD G-LO2 ----------

REL DIST P V2 V3
T M2 M3
0.14124 1.09E-16 4.75E-16 278.223531
-0.683222 -847.611571 3.22E-15
0.35593 1.09E-16 4.75E-16 278.223531
-0.683222 -1512.427 2.08E-15
0.57062 1.09E-16 4.75E-16 278.223531
-0.683222 -2177.242 9.49E-16
0.78531 1.09E-16 4.75E-16 278.223531
-0.683222 -2842.057 -1.86E-16
1.00000 1.09E-16 4.75E-16 278.223531
-0.683222 -3506.872 -1.32E-15

LOAD E-LO ----------

REL DIST P V2 V3
T M2 M3
0.14124 .000000 .000000 .000000
.000000 .000000 .000000
0.35593 .000000 .000000 .000000
.000000 .000000 .000000
0.57062 .000000 .000000 .000000
.000000 .000000 .000000
0.78531 .000000 .000000 .000000
.000000 .000000 .000000
1.00000 .000000 .000000 .000000
.000000 .000000 .000000

LOAD W-TR ----------

REL DIST P V2 V3
T M2 M3
0.14124 -1087.314 -336.400625 -3.71E-16
4.62E-15 -1.37E-15 -1244.458
0.35593 -1087.314 -340.343300 -3.71E-16
4.62E-15 -4.88E-16 -435.918656
0.57062 -1087.314 -344.285975 -3.71E-16
4.62E-15 3.98E-16 382.042170
0.78531 -1087.314 -347.194546 -3.71E-16
4.62E-15 1.28E-15 1209.100
1.00000 -1087.314 -347.194546 -3.71E-16
4.62E-15 2.17E-15 2038.721

LOAD WL ----------

REL DIST P V2 V3
T M2 M3
0.14124 -145.961940 -35.399288 -4.96E-17
6.16E-16 -1.84E-16 -117.292665
0.35593 -145.961940 -35.399288 -4.96E-17
6.16E-16 -6.52E-17 -32.706065
0.57062 -145.961940 -35.399288 -4.96E-17
6.16E-16 5.33E-17 51.880534
0.78531 -145.961940 -35.399288 -4.96E-17
6.16E-16 1.72E-16 136.467133
1.00000 -145.961940 -35.399288 -4.96E-17
6.16E-16 2.90E-16 221.053732

LOAD G-TR ----------

REL DIST P V2 V3
T M2 M3
0.14124 2.564738 -67.388843 -7.76E-17
1.72E-15 -2.88E-16 -251.293700
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REL DIST P V2 V3
T M2 M3
0.35593 2.564738 -67.388843 -7.76E-17
1.72E-15 -1.02E-16 -90.268058
0.57062 2.564738 -67.388843 -7.76E-17
1.72E-15 8.34E-17 70.757583
0.78531 2.564738 -67.388843 -7.76E-17
1.72E-15 2.69E-16 231.783224
1.00000 2.564738 -67.388843 -7.76E-17
1.72E-15 4.54E-16 392.808866

LOAD E-TR ----------

REL DIST P V2 V3
T M2 M3
0.14124 .000000 .000000 .000000
.000000 .000000 .000000
0.35593 .000000 .000000 .000000
.000000 .000000 .000000
0.57062 .000000 .000000 .000000
.000000 .000000 .000000
0.78531 .000000 .000000 .000000
.000000 .000000 .000000
1.00000 .000000 .000000 .000000
.000000 .000000 .000000

LOAD Q1-TR ----------

REL DIST P V2 V3
T M2 M3
0.14124 -0.568113 0.014015 -1.93E-19
2.40E-18 -7.15E-19 -1.561904
0.35593 -0.568113 0.014015 -1.93E-19
2.40E-18 -2.54E-19 -1.595392
0.57062 -0.568113 0.014015 -1.93E-19
2.40E-18 2.07E-19 -1.628880
0.78531 -0.568113 -4.931985 -1.93E-19
2.40E-18 6.69E-19 -0.324129
1.00000 -0.568113 -4.931985 -1.93E-19
2.40E-18 1.13E-18 11.460850

LOAD COL-TR ----------

REL DIST P V2 V3
T M2 M3
0.14124 -1.846008 0.045539 -6.27E-19
7.79E-18 -2.32E-18 -5.075199
0.35593 -1.846008 0.045539 -6.27E-19
7.79E-18 -8.25E-19 -5.184014
0.57062 -1.846008 0.045539 -6.27E-19
7.79E-18 6.74E-19 -5.292829
0.78531 -1.846008 -12.454461 -6.27E-19
7.79E-18 2.17E-18 2.432481
1.00000 -1.846008 -12.454461 -6.27E-19
7.79E-18 3.67E-18 32.192416

COMB SVB01 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 -6.57E-16
1.41E-14 -2.43E-15 2460.832
0.35593 -8392.150 397.993296 -6.57E-16
1.41E-14 -8.64E-16 1509.827
0.57062 -8619.232 397.993296 -6.57E-16
1.41E-14 7.06E-16 558.822440
0.78531 -8846.314 397.993296 -6.57E-16
1.41E-14 2.28E-15 -392.182542
1.00000 -9073.396 397.993296 -6.57E-16
1.41E-14 3.84E-15 -1343.188

COMB SVB01 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 -6.57E-16
1.41E-14 -2.43E-15 2460.832
0.35593 -8392.150 397.993296 -6.57E-16
1.41E-14 -8.64E-16 1509.827
0.57062 -8619.232 397.993296 -6.57E-16
1.41E-14 7.06E-16 558.822440
0.78531 -8846.314 397.993296 -6.57E-16
1.41E-14 2.28E-15 -392.182542
1.00000 -9073.396 397.993296 -6.57E-16
1.41E-14 3.84E-15 -1343.188
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L F O R C E S

COMB SVB02 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB SVB02 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB SVB03 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 35.927249
-5.692359 -65.345154 1851.617
0.35593 -6504.682 302.328660 43.812599
-5.692359 -160.614336 1129.203
0.57062 -6731.764 302.328660 51.697949
-5.692359 -274.725562 406.788212
0.78531 -6958.846 302.328660 57.515090
-5.692359 -407.030728 -315.626119
1.00000 -7185.928 302.328660 57.515090
-5.692359 -544.463035 -1038.040

COMB SVB03 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 35.927249
-5.692359 -65.345154 1851.617
0.35593 -6504.682 302.328660 43.812599
-5.692359 -160.614336 1129.203
0.57062 -6731.764 302.328660 51.697949
-5.692359 -274.725562 406.788212
0.78531 -6958.846 302.328660 57.515090
-5.692359 -407.030728 -315.626119
1.00000 -7185.928 302.328660 57.515090
-5.692359 -544.463035 -1038.040

COMB SVB04 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 17.963624
-2.846180 -32.672577 2460.832
0.35593 -8392.150 397.993296 21.906299
-2.846180 -80.307168 1509.827
0.57062 -8619.232 397.993296 25.848974
-2.846180 -137.362781 558.822440
0.78531 -8846.314 397.993296 28.757545
-2.846180 -203.515364 -392.182542
1.00000 -9073.396 397.993296 28.757545
-2.846180 -272.231517 -1343.188

COMB SVB04 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 17.963624
-2.846180 -32.672577 2460.832
0.35593 -8392.150 397.993296 21.906299
-2.846180 -80.307168 1509.827
0.57062 -8619.232 397.993296 25.848974
-2.846180 -137.362781 558.822440
0.78531 -8846.314 397.993296 28.757545
-2.846180 -203.515364 -392.182542
1.00000 -9073.396 397.993296 28.757545
-2.846180 -272.231517 -1343.188
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COMB SVB05 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 17.963624
-2.846180 -32.672577 1851.617
0.35593 -6504.682 302.328660 21.906299
-2.846180 -80.307168 1129.203
0.57062 -6731.764 302.328660 25.848974
-2.846180 -137.362781 406.788212
0.78531 -6958.846 302.328660 28.757545
-2.846180 -203.515364 -315.626119
1.00000 -7185.928 302.328660 28.757545
-2.846180 -272.231517 -1038.040

COMB SVB05 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 17.963624
-2.846180 -32.672577 1851.617
0.35593 -6504.682 302.328660 21.906299
-2.846180 -80.307168 1129.203
0.57062 -6731.764 302.328660 25.848974
-2.846180 -137.362781 406.788212
0.78531 -6958.846 302.328660 28.757545
-2.846180 -203.515364 -315.626119
1.00000 -7185.928 302.328660 28.757545
-2.846180 -272.231517 -1038.040

COMB SVB06 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 278.223531
-0.683222 -847.611571 2460.832
0.35593 -8392.150 397.993296 278.223531
-0.683222 -1512.427 1509.827
0.57062 -8619.232 397.993296 278.223531
-0.683222 -2177.242 558.822440
0.78531 -8846.314 397.993296 278.223531
-0.683222 -2842.057 -392.182542
1.00000 -9073.396 397.993296 278.223531
-0.683222 -3506.872 -1343.188

COMB SVB06 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 278.223531
-0.683222 -847.611571 2460.832
0.35593 -8392.150 397.993296 278.223531
-0.683222 -1512.427 1509.827
0.57062 -8619.232 397.993296 278.223531
-0.683222 -2177.242 558.822440
0.78531 -8846.314 397.993296 278.223531
-0.683222 -2842.057 -392.182542
1.00000 -9073.396 397.993296 278.223531
-0.683222 -3506.872 -1343.188

COMB SVB07 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 -6.57E-16
1.41E-14 -2.43E-15 2460.832
0.35593 -8392.150 397.993296 -6.57E-16
1.41E-14 -8.64E-16 1509.827
0.57062 -8619.232 397.993296 -6.57E-16
1.41E-14 7.06E-16 558.822440
0.78531 -8846.314 397.993296 -6.57E-16
1.41E-14 2.28E-15 -392.182542
1.00000 -9073.396 397.993296 -6.57E-16
1.41E-14 3.84E-15 -1343.188

COMB SVB07 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8165.068 397.993296 -6.57E-16
1.41E-14 -2.43E-15 2460.832
0.35593 -8392.150 397.993296 -6.57E-16
1.41E-14 -8.64E-16 1509.827
0.57062 -8619.232 397.993296 -6.57E-16
1.41E-14 7.06E-16 558.822440
0.78531 -8846.314 397.993296 -6.57E-16
1.41E-14 2.28E-15 -392.182542
1.00000 -9073.396 397.993296 -6.57E-16
1.41E-14 3.84E-15 -1343.188
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L F O R C E S

COMB SVB08 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 278.223531
-0.683222 -847.611571 1851.617
0.35593 -6504.682 302.328660 278.223531
-0.683222 -1512.427 1129.203
0.57062 -6731.764 302.328660 278.223531
-0.683222 -2177.242 406.788212
0.78531 -6958.846 302.328660 278.223531
-0.683222 -2842.057 -315.626119
1.00000 -7185.928 302.328660 278.223531
-0.683222 -3506.872 -1038.040

COMB SVB08 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 278.223531
-0.683222 -847.611571 1851.617
0.35593 -6504.682 302.328660 278.223531
-0.683222 -1512.427 1129.203
0.57062 -6731.764 302.328660 278.223531
-0.683222 -2177.242 406.788212
0.78531 -6958.846 302.328660 278.223531
-0.683222 -2842.057 -315.626119
1.00000 -7185.928 302.328660 278.223531
-0.683222 -3506.872 -1038.040

COMB SVB09 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB SVB09 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617

```
 0.35593    -6504.682   302.328660    -4.98E-16
 1.06E-14   -6.54E-16    1129.203
 0.57062    -6731.764   302.328660    -4.98E-16
 1.06E-14    5.34E-16    406.788212
 0.78531    -6958.846   302.328660    -4.98E-16
 1.06E-14    1.72E-15   -315.626119
 1.00000    -7185.928   302.328660    -4.98E-16
 1.06E-14    2.91E-15    -1038.040

COMB    SVB10 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660   314.150780
-6.375582  -912.956724    1851.617
 0.35593    -6504.682   302.328660   322.036130
-6.375582    -1673.041    1129.203
 0.57062    -6731.764   302.328660   329.921480
-6.375582    -2451.967    406.788212
 0.78531    -6958.846   302.328660   335.738621
-6.375582    -3249.088   -315.626119
 1.00000    -7185.928   302.328660   335.738621
-6.375582    -4051.335    -1038.040

COMB    SVB10 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660   314.150780
-6.375582  -912.956724    1851.617
 0.35593    -6504.682   302.328660   322.036130
-6.375582    -1673.041    1129.203
 0.57062    -6731.764   302.328660   329.921480
-6.375582    -2451.967    406.788212
 0.78531    -6958.846   302.328660   335.738621
-6.375582    -3249.088   -315.626119
 1.00000    -7185.928   302.328660   335.738621
-6.375582    -4051.335    -1038.040
Program  SAP2000  Nonlinear  Version  7.42
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L   F O R C E S

COMB    SVB11 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660    35.927249
-5.692359    -65.345154    1851.617
 0.35593    -6504.682   302.328660    43.812599
-5.692359   -160.614336    1129.203
 0.57062    -6731.764   302.328660    51.697949
-5.692359   -274.725562    406.788212
 0.78531    -6958.846   302.328660    57.515090
-5.692359   -407.030728   -315.626119
 1.00000    -7185.928   302.328660    57.515090
-5.692359   -544.463035    -1038.040

COMB    SVB11 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660    35.927249
-5.692359    -65.345154    1851.617
 0.35593    -6504.682   302.328660    43.812599
-5.692359   -160.614336    1129.203
 0.57062    -6731.764   302.328660    51.697949
-5.692359   -274.725562    406.788212
 0.78531    -6958.846   302.328660    57.515090
-5.692359   -407.030728   -315.626119
 1.00000    -7185.928   302.328660    57.515090
-5.692359   -544.463035    -1038.040

COMB    SVB12 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8165.068   397.993296   296.187155
-3.529402  -880.284148    2460.832
 0.35593    -8392.150   397.993296   300.129830
-3.529402    -1592.734    1509.827
 0.57062    -8619.232   397.993296   304.072505
-3.529402    -2314.605    558.822440
 0.78531    -8846.314   397.993296   306.981076
-3.529402    -3045.572   -392.182542
 1.00000    -9073.396   397.993296   306.981076
-3.529402    -3779.104    -1343.188

COMB    SVB12 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8165.068   397.993296   296.187155
-3.529402  -880.284148    2460.832
 0.35593    -8392.150   397.993296   300.129830
-3.529402    -1592.734    1509.827
 0.57062    -8619.232   397.993296   304.072505
-3.529402    -2314.605    558.822440
 0.78531    -8846.314   397.993296   306.981076
-3.529402    -3045.572   -392.182542
 1.00000    -9073.396   397.993296   306.981076
-3.529402    -3779.104    -1343.188

COMB    SVB13 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8165.068   397.993296   17.963624
-2.846180   -32.672577    2460.832
 0.35593    -8392.150   397.993296   21.906299
-2.846180   -80.307168    1509.827
 0.57062    -8619.232   397.993296   25.848974
-2.846180   -137.362781   558.822440
 0.78531    -8846.314   397.993296   28.757545
-2.846180   -203.515364   -392.182542
 1.00000    -9073.396   397.993296   28.757545
-2.846180   -272.231517    -1343.188

COMB    SVB13 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8165.068   397.993296   17.963624
-2.846180   -32.672577    2460.832
 0.35593    -8392.150   397.993296   21.906299
-2.846180   -80.307168    1509.827
 0.57062    -8619.232   397.993296   25.848974
-2.846180   -137.362781   558.822440
 0.78531    -8846.314   397.993296   28.757545
-2.846180   -203.515364   -392.182542
 1.00000    -9073.396   397.993296   28.757545
-2.846180   -272.231517    -1343.188
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L   F O R C E S

COMB    SVB14 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660   296.187155
-3.529402  -880.284148    1851.617
 0.35593    -6504.682   302.328660   300.129830
-3.529402    -1592.734    1129.203
 0.57062    -6731.764   302.328660   304.072505
-3.529402    -2314.605    406.788212
 0.78531    -6958.846   302.328660   306.981076
-3.529402    -3045.572   -315.626119
 1.00000    -7185.928   302.328660   306.981076
-3.529402    -3779.104    -1038.040

COMB    SVB14 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660   296.187155
-3.529402  -880.284148    1851.617
 0.35593    -6504.682   302.328660   300.129830
-3.529402    -1592.734    1129.203
 0.57062    -6731.764   302.328660   304.072505
-3.529402    -2314.605    406.788212
 0.78531    -6958.846   302.328660   306.981076
-3.529402    -3045.572   -315.626119
 1.00000    -7185.928   302.328660   306.981076
-3.529402    -3779.104    -1038.040

COMB    SVB15 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660   17.963624
-2.846180   -32.672577    1851.617
 0.35593    -6504.682   302.328660   21.906299
-2.846180   -80.307168    1129.203
 0.57062    -6731.764   302.328660   25.848974
-2.846180   -137.362781   406.788212
 0.78531    -6958.846   302.328660   28.757545
-2.846180   -203.515364   -315.626119
 1.00000    -7185.928   302.328660   28.757545
-2.846180   -272.231517    -1038.040

COMB    SVB15 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -6277.600   302.328660   17.963624
-2.846180   -32.672577    1851.617
 0.35593    -6504.682   302.328660   21.906299
-2.846180   -80.307168    1129.203
 0.57062    -6731.764   302.328660   25.848974
-2.846180   -137.362781   406.788212
 0.78531    -6958.846   302.328660   28.757545
-2.846180   -203.515364   -315.626119
 1.00000    -7185.928   302.328660   28.757545
-2.846180   -272.231517    -1038.040

COMB    ULB01 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124   -12218.937   598.706226    -9.89E-16
 2.13E-14    -3.67E-15    3716.915
 0.35593   -12514.144   598.706226    -9.89E-16
 2.13E-14    -1.30E-15    2286.307
 0.57062   -12809.350   598.706226    -9.89E-16
 2.13E-14     1.06E-15   855.698265
 0.78531   -13104.557   598.706226    -9.89E-16
 2.13E-14     3.43E-15  -574.910264
 1.00000   -13399.763   598.706226    -9.89E-16
 2.13E-14     5.79E-15    -2005.519

COMB    ULB01 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124   -12218.937   598.706226    -9.89E-16
 2.13E-14    -3.67E-15    3716.915
 0.35593   -12514.144   598.706226    -9.89E-16
 2.13E-14    -1.30E-15    2286.307
 0.57062   -12809.350   598.706226    -9.89E-16
 2.13E-14     1.06E-15   855.698265
 0.78531   -13104.557   598.706226    -9.89E-16
 2.13E-14     3.43E-15  -574.910264
 1.00000   -13399.763   598.706226    -9.89E-16
 2.13E-14     5.79E-15    -2005.519
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L   F O R C E S

COMB    ULB02 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    -6.47E-16
 1.38E-14    -2.40E-15    2407.102
 0.35593    -8456.087   393.027257    -6.47E-16
 1.38E-14    -8.51E-16    1467.963
 0.57062    -8751.293   393.027257    -6.47E-16
 1.38E-14     6.95E-16   528.824676
 0.78531    -9046.500   393.027257    -6.47E-16
 1.38E-14     2.24E-15  -410.313955
 1.00000    -9341.706   393.027257    -6.47E-16
 1.38E-14     3.79E-15    -1349.453

COMB    ULB02 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    -6.47E-16
 1.38E-14    -2.40E-15    2407.102
 0.35593    -8456.087   393.027257    -6.47E-16
 1.38E-14    -8.51E-16    1467.963
 0.57062    -8751.293   393.027257    -6.47E-16
 1.38E-14     6.95E-16   528.824676
 0.78531    -9046.500   393.027257    -6.47E-16
 1.38E-14     2.24E-15  -410.313955
 1.00000    -9341.706   393.027257    -6.47E-16
 1.38E-14     3.79E-15    -1349.453

COMB    ULB03 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    46.705423
-7.400067   -84.948700    2407.102
 0.35593    -8456.087   393.027257    56.956378
-7.400067  -208.798637    1467.963
 0.57062    -8751.293   393.027257    67.207333
-7.400067  -357.143231   528.824676
 0.78531    -9046.500   393.027257    74.769616
-7.400067  -529.139946  -410.313955
 1.00000    -9341.706   393.027257    74.769616
-7.400067  -707.801945    -1349.453

COMB    ULB03 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    46.705423
-7.400067   -84.948700    2407.102
 0.35593    -8456.087   393.027257    56.956378
-7.400067  -208.798637    1467.963
 0.57062    -8751.293   393.027257    67.207333
-7.400067  -357.143231   528.824676
 0.78531    -9046.500   393.027257    74.769616
-7.400067  -529.139946  -410.313955
 1.00000    -9341.706   393.027257    74.769616
-7.400067  -707.801945    -1349.453

COMB    ULB04 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10614.589   517.391285    23.352712
-3.700034    -42.474350    3199.082
 0.35593    -10909.796   517.391285    28.478189
-3.700034   -104.399318    1962.776
 0.57062    -11205.002   517.391285    33.603667
-3.700034   -178.571615   726.469171
 0.78531    -11500.209   517.391285    37.384808
-3.700034   -264.569973  -509.837304
 1.00000    -11795.415   517.391285    37.384808
-3.700034   -353.900973    -1746.144

COMB    ULB04 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10614.589   517.391285    23.352712
-3.700034    -42.474350    3199.082
 0.35593    -10909.796   517.391285    28.478189
-3.700034   -104.399318    1962.776
 0.57062    -11205.002   517.391285    33.603667
-3.700034   -178.571615   726.469171
 0.78531    -11500.209   517.391285    37.384808
-3.700034   -264.569973  -509.837304
 1.00000    -11795.415   517.391285    37.384808
-3.700034   -353.900973    -1746.144
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L   F O R C E S

COMB    ULB05 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    23.352712
-3.700034    -42.474350    2407.102
 0.35593    -8456.087   393.027257    28.478189
-3.700034   -104.399318    1467.963
 0.57062    -8751.293   393.027257    33.603667
-3.700034   -178.571615   528.824676
 0.78531    -9046.500   393.027257    37.384808
-3.700034   -264.569973  -410.313955
 1.00000    -9341.706   393.027257    37.384808
-3.700034   -353.900973    -1349.453

COMB    ULB05 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    23.352712
-3.700034    -42.474350    2407.102
 0.35593    -8456.087   393.027257    28.478189
-3.700034   -104.399318    1467.963
 0.57062    -8751.293   393.027257    33.603667
-3.700034   -178.571615   528.824676
 0.78531    -9046.500   393.027257    37.384808
-3.700034   -264.569973  -410.313955
 1.00000    -9341.706   393.027257    37.384808
-3.700034   -353.900973    -1349.453

COMB    ULB06 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10614.589   517.391285   361.690591
-0.888189    -1101.895    3199.082
 0.35593    -10909.796   517.391285   361.690591
-0.888189    -1966.155    1962.776
 0.57062    -11205.002   517.391285   361.690591
-0.888189    -2830.414   726.469171
 0.78531    -11500.209   517.391285   361.690591
-0.888189    -3694.674  -509.837304
 1.00000    -11795.415   517.391285   361.690591
-0.888189    -4558.934    -1746.144

COMB    ULB06 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10614.589   517.391285   361.690591
-0.888189    -1101.895    3199.082
 0.35593    -10909.796   517.391285   361.690591
-0.888189    -1966.155    1962.776
 0.57062    -11205.002   517.391285   361.690591
-0.888189    -2830.414   726.469171
 0.78531    -11500.209   517.391285   361.690591
-0.888189    -3694.674  -509.837304
 1.00000    -11795.415   517.391285   361.690591
-0.888189    -4558.934    -1746.144

COMB    ULB07 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10614.589   517.391285    -8.54E-16
 1.83E-14    -3.16E-15    3199.082
 0.35593    -10909.796   517.391285    -8.54E-16
 1.83E-14    -1.12E-15    1962.776
 0.57062    -11205.002   517.391285    -8.54E-16
 1.83E-14     9.17E-16   726.469171
 0.78531    -11500.209   517.391285    -8.54E-16
 1.83E-14     2.96E-15  -509.837304
 1.00000    -11795.415   517.391285    -8.54E-16
 1.83E-14     5.00E-15    -1746.144

COMB    ULB07 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10614.589   517.391285    -8.54E-16
 1.83E-14    -3.16E-15    3199.082
 0.35593    -10909.796   517.391285    -8.54E-16
 1.83E-14    -1.12E-15    1962.776
 0.57062    -11205.002   517.391285    -8.54E-16
 1.83E-14     9.17E-16   726.469171
 0.78531    -11500.209   517.391285    -8.54E-16
 1.83E-14     2.96E-15  -509.837304
 1.00000    -11795.415   517.391285    -8.54E-16
 1.83E-14     5.00E-15    -1746.144
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L   F O R C E S

COMB    ULB08 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257   361.690591
-0.888189    -1101.895    2407.102
 0.35593    -8456.087   393.027257   361.690591
-0.888189    -1966.155    1467.963
 0.57062    -8751.293   393.027257   361.690591
-0.888189    -2830.414   528.824676
 0.78531    -9046.500   393.027257   361.690591
-0.888189    -3694.674  -410.313955
 1.00000    -9341.706   393.027257   361.690591
-0.888189    -4558.934    -1349.453

COMB    ULB08 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257   361.690591
-0.888189    -1101.895    2407.102
 0.35593    -8456.087   393.027257   361.690591
-0.888189    -1966.155    1467.963
 0.57062    -8751.293   393.027257   361.690591
-0.888189    -2830.414   528.824676
 0.78531    -9046.500   393.027257   361.690591
-0.888189    -3694.674  -410.313955
 1.00000    -9341.706   393.027257   361.690591
-0.888189    -4558.934    -1349.453

COMB    ULB09 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    -6.47E-16
 1.38E-14    -2.40E-15    2407.102
 0.35593    -8456.087   393.027257    -6.47E-16
 1.38E-14    -8.51E-16    1467.963
 0.57062    -8751.293   393.027257    -6.47E-16
 1.38E-14     6.95E-16   528.824676
 0.78531    -9046.500   393.027257    -6.47E-16
 1.38E-14     2.24E-15  -410.313955
 1.00000    -9341.706   393.027257    -6.47E-16
 1.38E-14     3.79E-15    -1349.453

COMB    ULB09 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -8160.880   393.027257    -6.47E-16
 1.38E-14    -2.40E-15    2407.102
 0.35593    -8456.087   393.027257    -6.47E-16
 1.38E-14    -8.51E-16    1467.963
 0.57062    -8751.293   393.027257    -6.47E-16
 1.38E-14     6.95E-16   528.824676
 0.78531    -9046.500   393.027257    -6.47E-16
 1.38E-14     2.24E-15  -410.313955
 1.00000    -9341.706   393.027257    -6.47E-16
 1.38E-14     3.79E-15    -1349.453

COMB    ULB10 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -7847.000   377.910824   392.688475
-7.969477    -1141.196    2314.521
 0.35593    -8130.852   377.910824   402.545162
-7.969477    -2091.301    1411.503
 0.57062    -8414.705   377.910824   412.401850
-7.969477    -3064.959   508.485266
 0.78531    -8698.557   377.910824   419.673276
-7.969477    -4061.360  -394.532649
 1.00000    -8982.410   377.910824   419.673276
-7.969477    -5064.169    -1297.551

COMB    ULB10 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -7847.000   377.910824   392.688475
-7.969477    -1141.196    2314.521
 0.35593    -8130.852   377.910824   402.545162
-7.969477    -2091.301    1411.503
 0.57062    -8414.705   377.910824   412.401850
-7.969477    -3064.959   508.485266
 0.78531    -8698.557   377.910824   419.673276
-7.969477    -4061.360  -394.532649
 1.00000    -8982.410   377.910824   419.673276
-7.969477    -5064.169    -1297.551
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COMB    ULB11 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -7847.000   377.910824    44.909061
-7.115449   -81.681442    2314.521
 0.35593    -8130.852   377.910824    54.765748
-7.115449  -200.767920    1411.503
 0.57062    -8414.705   377.910824    64.622436
-7.115449  -343.406953   508.485266
 0.78531    -8698.557   377.910824    71.893862
-7.115449  -508.788410  -394.532649
 1.00000    -8982.410   377.910824    71.893862
-7.115449  -680.578793    -1297.551

COMB    ULB11 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -7847.000   377.910824    44.909061
-7.115449   -81.681442    2314.521
 0.35593    -8130.852   377.910824    54.765748
-7.115449  -200.767920    1411.503
 0.57062    -8414.705   377.910824    64.622436
-7.115449  -343.406953   508.485266
 0.78531    -8698.557   377.910824    71.893862
-7.115449  -508.788410  -394.532649
 1.00000    -8982.410   377.910824    71.893862
-7.115449  -680.578793    -1297.551

COMB    ULB12 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10206.336   497.491620   370.233944
-4.411752    -1100.355    3076.041
 0.35593    -10490.188   497.491620   375.162288
-4.411752    -1990.917    1887.284
 0.57062    -10774.040   497.491620   380.090632
-4.411752    -2893.256   698.528049
 0.78531    -11057.893   497.491620   383.726345
-4.411752    -3806.965  -490.228177
 1.00000    -11341.745   497.491620   383.726345
-4.411752    -4723.879    -1678.984

COMB    ULB12 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.14124    -10206.336   497.491620   370.233944
-4.411752    -1100.355    3076.041
 0.35593    -10490.188   497.491620   375.162288
-4.411752    -1990.917    1887.284
 0.57062    -10774.040   497.491620   380.090632
-4.411752    -2893.256   698.528049
 0.78531    -11057.893   497.491620   383.726345
-4.411752    -3806.965  -490.228177
 1.00000    -11341.745   497.491620   383.726345
-4.411752    -4723.879    -1678.984

COMB    ULB13 ------------------- MAX
```

REL DIST P V2 V3
T M2 M3
0.14124 -10206.336 497.491620 22.454530
-3.557725 -40.840721 3076.041
0.35593 -10490.188 497.491620 27.382874
-3.557725 -100.383960 1887.284
0.57062 -10774.040 497.491620 32.311218
-3.557725 -171.703476 698.528049
0.78531 -11057.893 497.491620 35.946931
-3.557725 -254.394205 -490.228177
1.00000 -11341.745 497.491620 35.946931
-3.557725 -340.289397 -1678.984

COMB ULB13 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -10206.336 497.491620 22.454530
-3.557725 -40.840721 3076.041
0.35593 -10490.188 497.491620 27.382874
-3.557725 -100.383960 1887.284
0.57062 -10774.040 497.491620 32.311218
-3.557725 -171.703476 698.528049
0.78531 -11057.893 497.491620 35.946931
-3.557725 -254.394205 -490.228177
1.00000 -11341.745 497.491620 35.946931
-3.557725 -340.289397 -1678.984
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COMB ULB14 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -7847.000 377.910824 370.233944
-4.411752 -1100.355 2314.521
0.35593 -8130.852 377.910824 375.162288
-4.411752 -1990.917 1411.503
0.57062 -8414.705 377.910824 380.090632
-4.411752 -2893.256 508.485266
0.78531 -8698.557 377.910824 383.726345
-4.411752 -3806.965 -394.532649
1.00000 -8982.410 377.910824 383.726345
-4.411752 -4723.879 -1297.551

COMB ULB14 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -7847.000 377.910824 370.233944
-4.411752 -1100.355 2314.521
0.35593 -8130.852 377.910824 375.162288
-4.411752 -1990.917 1411.503
0.57062 -8414.705 377.910824 380.090632
-4.411752 -2893.256 508.485266
0.78531 -8698.557 377.910824 383.726345
-4.411752 -3806.965 -394.532649
1.00000 -8982.410 377.910824 383.726345
-4.411752 -4723.879 -1297.551

COMB ULB15 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -7847.000 377.910824 22.454530
-3.557725 -40.840721 2314.521
0.35593 -8130.852 377.910824 27.382874
-3.557725 -100.383960 1411.503
0.57062 -8414.705 377.910824 32.311218
-3.557725 -171.703476 508.485266
0.78531 -8698.557 377.910824 35.946931
-3.557725 -254.394205 -394.532649
1.00000 -8982.410 377.910824 35.946931
-3.557725 -340.289397 -1297.551

COMB ULB15 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -7847.000 377.910824 22.454530
-3.557725 -40.840721 2314.521
0.35593 -8130.852 377.910824 27.382874
-3.557725 -100.383960 1411.503
0.57062 -8414.705 377.910824 32.311218
-3.557725 -171.703476 508.485266
0.78531 -8698.557 377.910824 35.946931
-3.557725 -254.394205 -394.532649
1.00000 -8982.410 377.910824 35.946931
-3.557725 -340.289397 -1297.551

COMB ULB16 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB ULB16 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040
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COMB ULB17 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -10614.589 517.391285 -8.54E-16
1.83E-14 -3.16E-15 3199.082
0.35593 -10909.796 517.391285 -8.54E-16
1.83E-14 -1.12E-15 1962.776
0.57062 -11205.002 517.391285 -8.54E-16
1.83E-14 9.17E-16 726.469171
0.78531 -11500.209 517.391285 -8.54E-16
1.83E-14 2.96E-15 -509.837304
1.00000 -11795.415 517.391285 -8.54E-16
1.83E-14 5.00E-15 -1746.144

COMB ULB17 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -10614.589 517.391285 -8.54E-16
1.83E-14 -3.16E-15 3199.082
0.35593 -10909.796 517.391285 -8.54E-16
1.83E-14 -1.12E-15 1962.776
0.57062 -11205.002 517.391285 -8.54E-16
1.83E-14 9.17E-16 726.469171
0.78531 -11500.209 517.391285 -8.54E-16
1.83E-14 2.96E-15 -509.837304
1.00000 -11795.415 517.391285 -8.54E-16
1.83E-14 5.00E-15 -1746.144

COMB ULB18 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -7533.120 362.794391 43.112698
-6.830831 -78.414184 2221.940
0.35593 -7805.618 362.794391 52.575118
-6.830831 -192.737203 1355.043
0.57062 -8078.117 362.794391 62.037538
-6.830831 -329.670675 488.145855
0.78531 -8350.615 362.794391 69.018108
-6.830831 -488.436874 -378.751343
1.00000 -8623.113 362.794391 69.018108
-6.830831 -653.355642 -1245.649

COMB ULB18 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -7533.120 362.794391 43.112698
-6.830831 -78.414184 2221.940
0.35593 -7805.618 362.794391 52.575118
-6.830831 -192.737203 1355.043
0.57062 -8078.117 362.794391 62.037538
-6.830831 -329.670675 488.145855
0.78531 -8350.615 362.794391 69.018108
-6.830831 -488.436874 -378.751343
1.00000 -8623.113 362.794391 69.018108
-6.830831 -653.355642 -1245.649

COMB UEB01 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -10335.657 508.007629 -8.40E-16
1.81E-14 -3.11E-15 3161.430
0.35593 -10562.739 508.007629 -8.40E-16
1.81E-14 -1.10E-15 1947.546
0.57062 -10789.821 508.007629 -8.40E-16
1.81E-14 9.02E-16 733.661801
0.78531 -11016.903 508.007629 -8.40E-16
1.81E-14 2.91E-15 -480.222428
1.00000 -11243.985 508.007629 -8.40E-16
1.81E-14 4.92E-15 -1694.107

COMB UEB01 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -10335.657 508.007629 -8.40E-16
1.81E-14 -3.11E-15 3161.430
0.35593 -10562.739 508.007629 -8.40E-16
1.81E-14 -1.10E-15 1947.546
0.57062 -10789.821 508.007629 -8.40E-16
1.81E-14 9.02E-16 733.661801
0.78531 -11016.903 508.007629 -8.40E-16
1.81E-14 2.91E-15 -480.222428
1.00000 -11243.985 508.007629 -8.40E-16
1.81E-14 4.92E-15 -1694.107
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L F O R C E S

COMB UEB02 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB UEB02 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB UEB03 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 46.705423
-7.400067 -84.948700 1851.617
0.35593 -6504.682 302.328660 56.956378
-7.400067 -208.798637 1129.203
0.57062 -6731.764 302.328660 67.207333
-7.400067 -357.143231 406.788212
0.78531 -6958.846 302.328660 74.769616
-7.400067 -529.139946 -315.626119
1.00000 -7185.928 302.328660 74.769616
-7.400067 -707.801945 -1038.040

COMB UEB03 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 46.705423
-7.400067 -84.948700 1851.617
0.35593 -6504.682 302.328660 56.956378
-7.400067 -208.798637 1129.203
0.57062 -6731.764 302.328660 67.207333
-7.400067 -357.143231 406.788212
0.78531 -6958.846 302.328660 74.769616
-7.400067 -529.139946 -315.626119
1.00000 -7185.928 302.328660 74.769616
-7.400067 -707.801945 -1038.040

COMB UEB04 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 23.352712
-3.700034 -42.474350 2643.597
0.35593 -8958.391 426.692687 28.478189
-3.700034 -104.399318 1624.015
0.57062 -9185.473 426.692687 33.603667
-3.700034 -178.571615 604.432708
0.78531 -9412.555 426.692687 37.384808
-3.700034 -264.569973 -415.149469
1.00000 -9639.637 426.692687 37.384808
-3.700034 -353.900973 -1434.732

COMB UEB04 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 23.352712
-3.700034 -42.474350 2643.597
0.35593 -8958.391 426.692687 28.478189
-3.700034 -104.399318 1624.015
0.57062 -9185.473 426.692687 33.603667
-3.700034 -178.571615 604.432708
0.78531 -9412.555 426.692687 37.384808
-3.700034 -264.569973 -415.149469
1.00000 -9639.637 426.692687 37.384808
-3.700034 -353.900973 -1434.732
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COMB UEB05 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 23.352712
-3.700034 -42.474350 1851.617
0.35593 -6504.682 302.328660 28.478189
-3.700034 -104.399318 1129.203
0.57062 -6731.764 302.328660 33.603667
-3.700034 -178.571615 406.788212
0.78531 -6958.846 302.328660 37.384808
-3.700034 -264.569973 -315.626119
1.00000 -7185.928 302.328660 37.384808
-3.700034 -353.900973 -1038.040

COMB UEB05 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 23.352712
-3.700034 -42.474350 1851.617
0.35593 -6504.682 302.328660 28.478189
-3.700034 -104.399318 1129.203
0.57062 -6731.764 302.328660 33.603667
-3.700034 -178.571615 406.788212
0.78531 -6958.846 302.328660 37.384808
-3.700034 -264.569973 -315.626119
1.00000 -7185.928 302.328660 37.384808
-3.700034 -353.900973 -1038.040

COMB UEB06 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 361.690591
-0.888189 -1101.895 2643.597
0.35593 -8958.391 426.692687 361.690591
-0.888189 -1966.155 1624.015
0.57062 -9185.473 426.692687 361.690591
-0.888189 -2830.414 604.432708
0.78531 -9412.555 426.692687 361.690591
-0.888189 -3694.674 -415.149469
1.00000 -9639.637 426.692687 361.690591
-0.888189 -4558.934 -1434.732

COMB UEB06 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 361.690591
-0.888189 -1101.895 2643.597
0.35593 -8958.391 426.692687 361.690591
-0.888189 -1966.155 1624.015
0.57062 -9185.473 426.692687 361.690591
-0.888189 -2830.414 604.432708
0.78531 -9412.555 426.692687 361.690591
-0.888189 -3694.674 -415.149469
1.00000 -9639.637 426.692687 361.690591
-0.888189 -4558.934 -1434.732

COMB UEB07 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 -7.05E-16
1.52E-14 -2.61E-15 2643.597
0.35593 -8958.391 426.692687 -7.05E-16
1.52E-14 -9.27E-16 1624.015
0.57062 -9185.473 426.692687 -7.05E-16
1.52E-14 7.57E-16 604.432708
0.78531 -9412.555 426.692687 -7.05E-16
1.52E-14 2.44E-15 -415.149469
1.00000 -9639.637 426.692687 -7.05E-16
1.52E-14 4.12E-15 -1434.732

COMB UEB07 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 -7.05E-16
1.52E-14 -2.61E-15 2643.597
0.35593 -8958.391 426.692687 -7.05E-16
1.52E-14 -9.27E-16 1624.015
0.57062 -9185.473 426.692687 -7.05E-16
1.52E-14 7.57E-16 604.432708
0.78531 -9412.555 426.692687 -7.05E-16
1.52E-14 2.44E-15 -415.149469
1.00000 -9639.637 426.692687 -7.05E-16
1.52E-14 4.12E-15 -1434.732
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COMB UEB08 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 361.690591
-0.888189 -1101.895 1851.617
0.35593 -6504.682 302.328660 361.690591
-0.888189 -1966.155 1129.203
0.57062 -6731.764 302.328660 361.690591
-0.888189 -2830.414 406.788212
0.78531 -6958.846 302.328660 361.690591
-0.888189 -3694.674 -315.626119
1.00000 -7185.928 302.328660 361.690591
-0.888189 -4558.934 -1038.040

COMB UEB08 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 361.690591
-0.888189 -1101.895 1851.617
0.35593 -6504.682 302.328660 361.690591
-0.888189 -1966.155 1129.203
0.57062 -6731.764 302.328660 361.690591
-0.888189 -2830.414 406.788212
0.78531 -6958.846 302.328660 361.690591
-0.888189 -3694.674 -315.626119
1.00000 -7185.928 302.328660 361.690591
-0.888189 -4558.934 -1038.040

COMB UEB09 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB UEB09 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB UEB10 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 392.688475
-7.969477 -1141.196 1759.036
0.35593 -6179.448 287.212227 402.545162
-7.969477 -2091.301 1072.742
0.57062 -6395.176 287.212227 412.401850
-7.969477 -3064.959 386.448802
0.78531 -6610.904 287.212227 419.673276
-7.969477 -4061.360 -299.844813
1.00000 -6826.631 287.212227 419.673276
-7.969477 -5064.169 -986.138429

COMB UEB10 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 392.688475
-7.969477 -1141.196 1759.036
0.35593 -6179.448 287.212227 402.545162
-7.969477 -2091.301 1072.742
0.57062 -6395.176 287.212227 412.401850
-7.969477 -3064.959 386.448802
0.78531 -6610.904 287.212227 419.673276
-7.969477 -4061.360 -299.844813
1.00000 -6826.631 287.212227 419.673276
-7.969477 -5064.169 -986.138429
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COMB UEB11 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 44.909061
-7.115449 -81.681442 1759.036
0.35593 -6179.448 287.212227 54.765748
-7.115449 -200.767920 1072.742
0.57062 -6395.176 287.212227 64.622436
-7.115449 -343.406953 386.448802
0.78531 -6610.904 287.212227 71.893862
-7.115449 -508.788410 -299.844813
1.00000 -6826.631 287.212227 71.893862
-7.115449 -680.578793 -986.138429

COMB UEB11 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 44.909061
-7.115449 -81.681442 1759.036
0.35593 -6179.448 287.212227 54.765748
-7.115449 -200.767920 1072.742
0.57062 -6395.176 287.212227 64.622436
-7.115449 -343.406953 386.448802
0.78531 -6610.904 287.212227 71.893862
-7.115449 -508.788410 -299.844813
1.00000 -6826.631 287.212227 71.893862
-7.115449 -680.578793 -986.138429

COMB UEB12 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8323.056 406.793023 370.233944
-4.411752 -1100.355 2520.555
0.35593 -8538.783 406.793023 375.162288
-4.411752 -1990.917 1548.524
0.57062 -8754.511 406.793023 380.090632
-4.411752 -2893.256 576.491586
0.78531 -8970.239 406.793023 383.726345
-4.411752 -3806.965 -395.540342
1.00000 -9185.967 406.793023 383.726345
-4.411752 -4723.879 -1367.572

COMB UEB12 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8323.056 406.793023 370.233944
-4.411752 -1100.355 2520.555
0.35593 -8538.783 406.793023 375.162288
-4.411752 -1990.917 1548.524
0.57062 -8754.511 406.793023 380.090632
-4.411752 -2893.256 576.491586
0.78531 -8970.239 406.793023 383.726345
-4.411752 -3806.965 -395.540342
1.00000 -9185.967 406.793023 383.726345
-4.411752 -4723.879 -1367.572

COMB UEB13 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8323.056 406.793023 22.454530
-3.557725 -40.840721 2520.555
0.35593 -8538.783 406.793023 27.382874
-3.557725 -100.383960 1548.524
0.57062 -8754.511 406.793023 32.311218
-3.557725 -171.703476 576.491586
0.78531 -8970.239 406.793023 35.946931

-3.557725 -254.394205 -395.540342
1.00000 -9185.967 406.793023 35.946931
-3.557725 -340.289397 -1367.572

COMB UEB13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8323.056 406.793023 22.454530
-3.557725 -40.840721 2520.555
0.35593 -8538.783 406.793023 27.382874
-3.557725 -100.383960 1548.524
0.57062 -8754.511 406.793023 32.311218
-3.557725 -171.703476 576.491586
0.78531 -8970.239 406.793023 35.946931
-3.557725 -254.394205 -395.540342
1.00000 -9185.967 406.793023 35.946931
-3.557725 -340.289397 -1367.572
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COMB UEB14 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 370.233944
-4.411752 -1100.355 1759.036
0.35593 -6179.448 287.212227 375.162288
-4.411752 -1990.917 1072.742
0.57062 -6395.176 287.212227 380.090632
-4.411752 -2893.256 386.448802
0.78531 -6610.904 287.212227 383.726345
-4.411752 -3806.965 -299.844813
1.00000 -6826.631 287.212227 383.726345
-4.411752 -4723.879 -986.138429

COMB UEB14 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 370.233944
-4.411752 -1100.355 1759.036
0.35593 -6179.448 287.212227 375.162288
-4.411752 -1990.917 1072.742
0.57062 -6395.176 287.212227 380.090632
-4.411752 -2893.256 386.448802
0.78531 -6610.904 287.212227 383.726345
-4.411752 -3806.965 -299.844813
1.00000 -6826.631 287.212227 383.726345
-4.411752 -4723.879 -986.138429

COMB UEB15 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 22.454530
-3.557725 -40.840721 1759.036
0.35593 -6179.448 287.212227 27.382874
-3.557725 -100.383960 1072.742
0.57062 -6395.176 287.212227 32.311218
-3.557725 -171.703476 386.448802
0.78531 -6610.904 287.212227 35.946931
-3.557725 -254.394205 -299.844813
1.00000 -6826.631 287.212227 35.946931
-3.557725 -340.289397 -986.138429

COMB UEB15 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -5963.720 287.212227 22.454530
-3.557725 -40.840721 1759.036
0.35593 -6179.448 287.212227 27.382874
-3.557725 -100.383960 1072.742
0.57062 -6395.176 287.212227 32.311218
-3.557725 -171.703476 386.448802
0.78531 -6610.904 287.212227 35.946931
-3.557725 -254.394205 -299.844813
1.00000 -6826.631 287.212227 35.946931
-3.557725 -340.289397 -986.138429

COMB UEB16 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040

COMB UEB16 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6277.600 302.328660 -4.98E-16
1.06E-14 -1.84E-15 1851.617
0.35593 -6504.682 302.328660 -4.98E-16
1.06E-14 -6.54E-16 1129.203
0.57062 -6731.764 302.328660 -4.98E-16
1.06E-14 5.34E-16 406.788212
0.78531 -6958.846 302.328660 -4.98E-16
1.06E-14 1.72E-15 -315.626119
1.00000 -7185.928 302.328660 -4.98E-16
1.06E-14 2.91E-15 -1038.040
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COMB UEB17 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 -7.05E-16
1.52E-14 -2.61E-15 2643.597
0.35593 -8958.391 426.692687 -7.05E-16
1.52E-14 -9.27E-16 1624.015
0.57062 -9185.473 426.692687 -7.05E-16
1.52E-14 7.57E-16 604.432708
0.78531 -9412.555 426.692687 -7.05E-16
1.52E-14 2.44E-15 -415.149469
1.00000 -9639.637 426.692687 -7.05E-16
1.52E-14 4.12E-15 -1434.732

COMB UEB17 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8731.309 426.692687 -7.05E-16
1.52E-14 -2.61E-15 2643.597
0.35593 -8958.391 426.692687 -7.05E-16
1.52E-14 -9.27E-16 1624.015
0.57062 -9185.473 426.692687 -7.05E-16
1.52E-14 7.57E-16 604.432708
0.78531 -9412.555 426.692687 -7.05E-16
1.52E-14 2.44E-15 -415.149469
1.00000 -9639.637 426.692687 -7.05E-16
1.52E-14 4.12E-15 -1434.732

COMB UEB18 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -5649.840 272.095794 43.112698
-6.830831 -78.414184 1666.455
0.35593 -5854.214 272.095794 52.575118
-6.830831 -192.737203 1016.282
0.57062 -6058.588 272.095794 62.037538
-6.830831 -329.670675 366.109391
0.78531 -6262.961 272.095794 69.018108
-6.830831 -488.436874 -284.063508
1.00000 -6467.335 272.095794 69.018108
-6.830831 -653.355642 -934.236406

COMB UEB18 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -5649.840 272.095794 43.112698
-6.830831 -78.414184 1666.455
0.35593 -5854.214 272.095794 52.575118
-6.830831 -192.737203 1016.282
0.57062 -6058.588 272.095794 62.037538
-6.830831 -329.670675 366.109391
0.78531 -6262.961 272.095794 69.018108
-6.830831 -488.436874 -284.063508
1.00000 -6467.335 272.095794 69.018108
-6.830831 -653.355642 -934.236406

COMB SVO01 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8165.637 398.007311 -6.57E-16
1.41E-14 -2.43E-15 2459.270
0.35593 -8392.719 398.007311 -6.57E-16
1.41E-14 -8.64E-16 1508.232
0.57062 -8619.800 398.007311 -6.57E-16
1.41E-14 7.06E-16 557.193559
0.78531 -8846.882 393.061311 -6.57E-16
1.41E-14 2.28E-15 -392.506671
1.00000 -9073.964 393.061311 -6.57E-16
1.41E-14 3.85E-15 -1331.727

COMB SVO01 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8165.637 398.007311 -6.57E-16
1.41E-14 -2.43E-15 2459.270
0.35593 -8392.719 398.007311 -6.57E-16
1.41E-14 -8.64E-16 1508.232
0.57062 -8619.800 398.007311 -6.57E-16
1.41E-14 7.06E-16 557.193559
0.78531 -8846.882 393.061311 -6.57E-16
1.41E-14 2.28E-15 -392.506671
1.00000 -9073.964 393.061311 -6.57E-16
1.41E-14 3.85E-15 -1331.727
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COMB SVO02 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6278.168 302.342674 -4.98E-16
1.06E-14 -1.84E-15 1850.055
0.35593 -6505.250 302.342674 -4.98E-16
1.06E-14 -6.55E-16 1127.607
0.57062 -6732.332 302.342674 -4.98E-16
1.06E-14 5.35E-16 405.159332
0.78531 -6959.414 297.396674 -4.98E-16
1.06E-14 1.72E-15 -315.950249
1.00000 -7186.496 297.396674 -4.98E-16
1.06E-14 2.91E-15 -1026.580

COMB SVO02 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6278.168 302.342674 -4.98E-16
1.06E-14 -1.84E-15 1850.055
0.35593 -6505.250 302.342674 -4.98E-16
1.06E-14 -6.55E-16 1127.607
0.57062 -6732.332 302.342674 -4.98E-16
1.06E-14 5.35E-16 405.159332
0.78531 -6959.414 297.396674 -4.98E-16
1.06E-14 1.72E-15 -315.950249
1.00000 -7186.496 297.396674 -4.98E-16
1.06E-14 2.91E-15 -1026.580

COMB SVO03 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -7365.482 -34.057951 -8.68E-16
1.52E-14 -3.22E-15 605.596511
0.35593 -7592.564 -38.000626 -8.68E-16
1.52E-14 -1.14E-15 691.688496
0.57062 -7819.646 -41.943301 -8.68E-16
1.52E-14 9.33E-16 787.201502
0.78531 -8046.728 -49.797871 -8.68E-16
1.52E-14 3.01E-15 893.149717
1.00000 -8273.810 -49.797871 -8.68E-16
1.52E-14 5.08E-15 1012.142

COMB SVO03 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -7365.482 -34.057951 -8.68E-16
1.52E-14 -3.22E-15 605.596511
0.35593 -7592.564 -38.000626 -8.68E-16
1.52E-14 -1.14E-15 691.688496
0.57062 -7819.646 -41.943301 -8.68E-16
1.52E-14 9.33E-16 787.201502
0.78531 -8046.728 -49.797871 -8.68E-16
1.52E-14 3.01E-15 893.149717
1.00000 -8273.810 -49.797871 -8.68E-16
1.52E-14 5.08E-15 1012.142

COMB SVO04 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8855.255 194.407710 -8.92E-16
1.70E-14 -3.30E-15 1719.749
0.35593 -9082.337 192.436373 -8.92E-16
1.70E-14 -1.17E-15 1257.567
0.57062 -9309.419 190.465035 -8.92E-16
1.70E-14 9.58E-16 800.095178
0.78531 -9536.501 184.064750 -8.92E-16
1.70E-14 3.09E-15 348.510445
1.00000 -9763.583 184.064750 -8.92E-16
1.70E-14 5.22E-15 -91.312275

COMB SVO04 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8855.255 194.407710 -8.92E-16
1.70E-14 -3.30E-15 1719.749
0.35593 -9082.337 192.436373 -8.92E-16
1.70E-14 -1.17E-15 1257.567
0.57062 -9309.419 190.465035 -8.92E-16
1.70E-14 9.58E-16 800.095178
0.78531 -9536.501 184.064750 -8.92E-16
1.70E-14 3.09E-15 348.510445
1.00000 -9763.583 184.064750 -8.92E-16
1.70E-14 5.22E-15 -91.312275
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COMB SVO05 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6967.787 98.743073 -7.33E-16
1.35E-14 -2.71E-15 1110.533
0.35593 -7194.869 96.771736 -7.33E-16
1.35E-14 -9.64E-16 876.941759
0.57062 -7421.951 94.800398 -7.33E-16
1.35E-14 7.87E-16 648.060951
0.78531 -7649.033 88.400113 -7.33E-16
1.35E-14 2.54E-15 425.066867
1.00000 -7876.115 88.400113 -7.33E-16
1.35E-14 4.29E-15 213.834797

COMB SVO05 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6967.787 98.743073 -7.33E-16
1.35E-14 -2.71E-15 1110.533
0.35593 -7194.869 96.771736 -7.33E-16
1.35E-14 -9.64E-16 876.941759
0.57062 -7421.951 94.800398 -7.33E-16
1.35E-14 7.87E-16 648.060951
0.78531 -7649.033 88.400113 -7.33E-16
1.35E-14 2.54E-15 425.066867
1.00000 -7876.115 88.400113 -7.33E-16
1.35E-14 4.29E-15 213.834797

COMB SVO06 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8163.072 330.618468 -7.35E-16
1.58E-14 -2.72E-15 2207.977
0.35593 -8390.154 330.618468 -7.35E-16
1.58E-14 -9.66E-16 1417.964
0.57062 -8617.236 330.618468 -7.35E-16
1.58E-14 7.89E-16 627.951142
0.78531 -8844.318 325.672468 -7.35E-16
1.58E-14 2.54E-15 -160.723447
1.00000 -9071.400 325.672468 -7.35E-16
1.58E-14 4.30E-15 -938.917808

COMB SVO06 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8163.072 330.618468 -7.35E-16
1.58E-14 -2.72E-15 2207.977
0.35593 -8390.154 330.618468 -7.35E-16
1.58E-14 -9.66E-16 1417.964
0.57062 -8617.236 330.618468 -7.35E-16
1.58E-14 7.89E-16 627.951142
0.78531 -8844.318 325.672468 -7.35E-16
1.58E-14 2.54E-15 -160.723447
1.00000 -9071.400 325.672468 -7.35E-16
1.58E-14 4.30E-15 -938.917808

COMB SVO07 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8165.637 398.007311 -6.57E-16
1.41E-14 -2.43E-15 2459.270
0.35593 -8392.719 398.007311 -6.57E-16
1.41E-14 -8.64E-16 1508.232
0.57062 -8619.800 398.007311 -6.57E-16
1.41E-14 7.06E-16 557.193559
0.78531 -8846.882 393.061311 -6.57E-16
1.41E-14 2.28E-15 -392.506671
1.00000 -9073.964 393.061311 -6.57E-16
1.41E-14 3.85E-15 -1331.727

COMB SVO07 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8165.637 398.007311 -6.57E-16
1.41E-14 -2.43E-15 2459.270
0.35593 -8392.719 398.007311 -6.57E-16
1.41E-14 -8.64E-16 1508.232
0.57062 -8619.800 398.007311 -6.57E-16
1.41E-14 7.06E-16 557.193559
0.78531 -8846.882 393.061311 -6.57E-16
1.41E-14 2.28E-15 -392.506671
1.00000 -9073.964 393.061311 -6.57E-16
1.41E-14 3.85E-15 -1331.727
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COMB SVO08 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6275.603 234.953831 -5.75E-16
1.23E-14 -2.13E-15 1598.761
0.35593 -6502.685 234.953831 -5.75E-16
1.23E-14 -7.57E-16 1037.339
0.57062 -6729.767 234.953831 -5.75E-16
1.23E-14 6.18E-16 475.916915
0.78531 -6956.849 230.007831 -5.75E-16
1.23E-14 1.99E-15 -84.167024
1.00000 -7183.931 230.007831 -5.75E-16
1.23E-14 3.37E-15 -633.770736

COMB SVO08 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6275.603 234.953831 -5.75E-16
1.23E-14 -2.13E-15 1598.761
0.35593 -6502.685 234.953831 -5.75E-16
1.23E-14 -7.57E-16 1037.339
0.57062 -6729.767 234.953831 -5.75E-16
1.23E-14 6.18E-16 475.916915
0.78531 -6956.849 230.007831 -5.75E-16
1.23E-14 1.99E-15 -84.167024
1.00000 -7183.931 230.007831 -5.75E-16
1.23E-14 3.37E-15 -633.770736

COMB SVO09 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -6278.168 302.342674 -4.98E-16
1.06E-14 -1.84E-15 1850.055
0.35593 -6505.250 302.342674 -4.98E-16
1.06E-14 -6.55E-16 1127.607
0.57062 -6732.332 302.342674 -4.98E-16
1.06E-14 5.35E-16 405.159332
0.78531 -6959.414 297.396674 -4.98E-16
1.06E-14 1.72E-15 -315.950249
1.00000 -7186.496 297.396674 -4.98E-16
1.06E-14 2.91E-15 -1026.580

COMB SVO09 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -6278.168 302.342674 -4.98E-16
1.06E-14 -1.84E-15 1850.055
0.35593 -6505.250 302.342674 -4.98E-16
1.06E-14 -6.55E-16 1127.607
0.57062 -6732.332 302.342674 -4.98E-16
1.06E-14 5.35E-16 405.159332
0.78531 -6959.414 297.396674 -4.98E-16
1.06E-14 1.72E-15 -315.950249
1.00000 -7186.496 297.396674 -4.98E-16
1.06E-14 2.91E-15 -1026.580

COMB SVO10 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -7362.917 -101.446794 -9.46E-16
1.70E-14 -3.50E-15 354.302812
0.35593 -7589.999 -105.389469 -9.46E-16
1.70E-14 -1.24E-15 601.420438
0.57062 -7817.081 -109.332144 -9.46E-16
1.70E-14 1.02E-15 857.959085
0.78531 -8044.163 -117.186715 -9.46E-16
1.70E-14 3.28E-15 1124.933
1.00000 -8271.245 -117.186715 -9.46E-16
1.70E-14 5.54E-15 1404.951

COMB SVO10 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -7362.917 -101.446794 -9.46E-16
1.70E-14 -3.50E-15 354.302812
0.35593 -7589.999 -105.389469 -9.46E-16
1.70E-14 -1.24E-15 601.420438
0.57062 -7817.081 -109.332144 -9.46E-16
1.70E-14 1.02E-15 857.959085
0.78531 -8044.163 -117.186715 -9.46E-16
1.70E-14 3.28E-15 1124.933
1.00000 -8271.245 -117.186715 -9.46E-16
1.70E-14 5.54E-15 1404.951
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COMB SVO11 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -7365.482 -34.057951 -8.68E-16
1.52E-14 -3.22E-15 605.596511
0.35593 -7592.564 -38.000626 -8.68E-16
1.52E-14 -1.14E-15 691.688496
0.57062 -7819.646 -41.943301 -8.68E-16
1.52E-14 9.33E-16 787.201502
0.78531 -8046.728 -49.797871 -8.68E-16
1.52E-14 3.01E-15 893.149717
1.00000 -8273.810 -49.797871 -8.68E-16
1.52E-14 5.08E-15 1012.142

COMB SVO11 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -7365.482 -34.057951 -8.68E-16
1.52E-14 -3.22E-15 605.596511
0.35593 -7592.564 -38.000626 -8.68E-16
1.52E-14 -1.14E-15 691.688496
0.57062 -7819.646 -41.943301 -8.68E-16
1.52E-14 9.33E-16 787.201502
0.78531 -8046.728 -49.797871 -8.68E-16
1.52E-14 3.01E-15 893.149717
1.00000 -8273.810 -49.797871 -8.68E-16
1.52E-14 5.08E-15 1012.142

COMB SVO12 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8852.691 127.018867 -9.70E-16
1.88E-14 -3.59E-15 1468.455
0.35593 -9079.773 125.047529 -9.70E-16
1.88E-14 -1.28E-15 1167.299
0.57062 -9306.855 123.076192 -9.70E-16
1.88E-14 1.04E-15 870.852761
0.78531 -9533.937 116.675907 -9.70E-16
1.88E-14 3.36E-15 580.293669
1.00000 -9761.018 116.675907 -9.70E-16
1.88E-14 5.68E-15 301.496590

COMB SVO12 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8852.691 127.018867 -9.70E-16
1.88E-14 -3.59E-15 1468.455
0.35593 -9079.773 125.047529 -9.70E-16
1.88E-14 -1.28E-15 1167.299
0.57062 -9306.855 123.076192 -9.70E-16
1.88E-14 1.04E-15 870.852761
0.78531 -9533.937 116.675907 -9.70E-16
1.88E-14 3.36E-15 580.293669
1.00000 -9761.018 116.675907 -9.70E-16
1.88E-14 5.68E-15 301.496590

COMB SVO13 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.14124 -8855.255 194.407710 -8.92E-16
1.70E-14 -3.30E-15 1719.749
0.35593 -9082.337 192.436373 -8.92E-16
1.70E-14 -1.17E-15 1257.567
0.57062 -9309.419 190.465035 -8.92E-16
1.70E-14 9.58E-16 800.095178
0.78531 -9536.501 184.064750 -8.92E-16
1.70E-14 3.09E-15 348.510445
1.00000 -9763.583 184.064750 -8.92E-16
1.70E-14 5.22E-15 -91.312275

COMB SVO13 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.14124 -8855.255 194.407710 -8.92E-16
1.70E-14 -3.30E-15 1719.749

0.35593	-9082.337	192.436373	-8.92E-16
1.70E-14	-1.17E-15	1257.567	
0.57062	-9309.419	190.465035	-8.92E-16
1.70E-14	9.58E-16	800.095178	
0.78531	-9536.501	184.064750	-8.92E-16
1.70E-14	3.09E-15	348.510445	
1.00000	-9763.583	184.064750	-8.92E-16
1.70E-14	5.22E-15	-91.312275	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6965.222	31.354230	-8.10E-16
1.53E-14	-3.00E-15	859.239378	
0.35593	-7192.304	29.382893	-8.10E-16
1.53E-14	-1.07E-15	786.673700	
0.57062	-7419.386	27.411555	-8.10E-16
1.53E-14	8.70E-16	718.818534	
0.78531	-7646.468	21.011270	-8.10E-16
1.53E-14	2.81E-15	656.850092	
1.00000	-7873.550	21.011270	-8.10E-16
1.53E-14	4.74E-15	606.643662	

COMB SVO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6965.222	31.354230	-8.10E-16
1.53E-14	-3.00E-15	859.239378	
0.35593	-7192.304	29.382893	-8.10E-16
1.53E-14	-1.07E-15	786.673700	
0.57062	-7419.386	27.411555	-8.10E-16
1.53E-14	8.70E-16	718.818534	
0.78531	-7646.468	21.011270	-8.10E-16
1.53E-14	2.81E-15	656.850092	
1.00000	-7873.550	21.011270	-8.10E-16
1.53E-14	4.74E-15	606.643662	

COMB SVO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6967.787	98.743073	-7.33E-16
1.35E-14	-2.71E-15	1110.533	
0.35593	-7194.869	96.771736	-7.33E-16
1.35E-14	-9.64E-16	876.941759	
0.57062	-7421.951	94.800398	-7.33E-16
1.35E-14	7.87E-16	648.060951	
0.78531	-7649.033	88.400113	-7.33E-16
1.35E-14	2.54E-15	425.066867	
1.00000	-7876.115	88.400113	-7.33E-16
1.35E-14	4.29E-15	213.834797	

COMB SVO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6967.787	98.743073	-7.33E-16
1.35E-14	-2.71E-15	1110.533	
0.35593	-7194.869	96.771736	-7.33E-16
1.35E-14	-9.64E-16	876.941759	
0.57062	-7421.951	94.800398	-7.33E-16
1.35E-14	7.87E-16	648.060951	
0.78531	-7649.033	88.400113	-7.33E-16
1.35E-14	2.54E-15	425.066867	
1.00000	-7876.115	88.400113	-7.33E-16
1.35E-14	4.29E-15	213.834797	

COMB ULO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12219.676	598.724446	-9.90E-16
2.13E-14	-3.67E-15	3714.885	
0.35593	-12514.882	598.724446	-9.90E-16
2.13E-14	-1.30E-15	2284.233	
0.57062	-12810.089	598.724446	-9.90E-16
2.13E-14	1.06E-15	853.580720	
0.78531	-13105.295	592.294646	-9.90E-16
2.13E-14	3.43E-15	-575.331631	
1.00000	-13400.502	592.294646	-9.90E-16
2.13E-14	5.79E-15	-1990.620	

COMB ULO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12219.676	598.724446	-9.90E-16
2.13E-14	-3.67E-15	3714.885	
0.35593	-12514.882	598.724446	-9.90E-16
2.13E-14	-1.30E-15	2284.233	
0.57062	-12810.089	598.724446	-9.90E-16
2.13E-14	1.06E-15	853.580720	
0.78531	-13105.295	592.294646	-9.90E-16
2.13E-14	3.43E-15	-575.331631	
1.00000	-13400.502	592.294646	-9.90E-16
2.13E-14	5.79E-15	-1990.620	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8161.619	393.045476	-6.47E-16
1.38E-14	-2.40E-15	2405.071	
0.35593	-8456.825	393.045476	-6.47E-16
1.38E-14	-8.51E-16	1465.889	
0.57062	-8752.032	393.045476	-6.47E-16
1.38E-14	6.95E-16	526.707132	
0.78531	-9047.238	386.615676	-6.47E-16
1.38E-14	2.24E-15	-410.735323	
1.00000	-9342.445	386.615676	-6.47E-16
1.38E-14	3.79E-15	-1334.553	

COMB ULO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8161.619	393.045476	-6.47E-16
1.38E-14	-2.40E-15	2405.071	
0.35593	-8456.825	393.045476	-6.47E-16
1.38E-14	-8.51E-16	1465.889	
0.57062	-8752.032	393.045476	-6.47E-16
1.38E-14	6.95E-16	526.707132	
0.78531	-9047.238	386.615676	-6.47E-16
1.38E-14	2.24E-15	-410.735323	
1.00000	-9342.445	386.615676	-6.47E-16
1.38E-14	3.79E-15	-1334.553	

COMB ULO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9575.126	-44.275336	-1.13E-15
1.98E-14	-4.18E-15	787.275465	
0.35593	-9870.333	-49.400814	-1.13E-15
1.98E-14	-1.48E-15	899.195045	
0.57062	-10165.540	-54.526291	-1.13E-15
1.98E-14	1.21E-15	1023.362	
0.78531	-10460.746	-64.737233	-1.13E-15
1.98E-14	3.91E-15	1161.095	
1.00000	-10755.953	-64.737233	-1.13E-15
1.98E-14	6.61E-15	1315.784	

COMB ULO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9575.126	-44.275336	-1.13E-15
1.98E-14	-4.18E-15	787.275465	
0.35593	-9870.333	-49.400814	-1.13E-15
1.98E-14	-1.48E-15	899.195045	
0.57062	-10165.540	-54.526291	-1.13E-15
1.98E-14	1.21E-15	1023.362	
0.78531	-10460.746	-64.737233	-1.13E-15
1.98E-14	3.91E-15	1161.095	
1.00000	-10755.953	-64.737233	-1.13E-15
1.98E-14	6.61E-15	1315.784	

COMB ULO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11511.832	252.730023	-1.16E-15
2.22E-14	-4.30E-15	2235.673	
0.35593	-11807.039	250.167285	-1.16E-15
2.22E-14	-1.53E-15	1634.837	
0.57062	-12102.245	247.604546	-1.16E-15
2.22E-14	1.25E-15	1040.124	
0.78531	-12397.452	239.284175	-1.16E-15
2.22E-14	4.02E-15	453.063578	
1.00000	-12692.658	239.284175	-1.16E-15
2.22E-14	6.79E-15	-118.705958	

COMB ULO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11511.832	252.730023	-1.16E-15
2.22E-14	-4.30E-15	2235.673	
0.35593	-11807.039	250.167285	-1.16E-15
2.22E-14	-1.53E-15	1634.837	
0.57062	-12102.245	247.604546	-1.16E-15
2.22E-14	1.25E-15	1040.124	
0.78531	-12397.452	239.284175	-1.16E-15
2.22E-14	4.02E-15	453.063578	
1.00000	-12692.658	239.284175	-1.16E-15
2.22E-14	6.79E-15	-118.705958	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9058.123	128.365996	-9.53E-16
1.76E-14	-3.53E-15	1443.693	
0.35593	-9353.330	125.803257	-9.53E-16
1.76E-14	-1.25E-15	1140.024	
0.57062	-9648.536	123.240518	-9.53E-16
1.76E-14	1.02E-15	842.479236	
0.78531	-9943.743	114.920147	-9.53E-16
1.76E-14	3.30E-15	552.586927	
1.00000	-10238.949	114.920147	-9.53E-16
1.76E-14	5.58E-15	277.985236	

COMB ULO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9058.123	128.365996	-9.53E-16
1.76E-14	-3.53E-15	1443.693	
0.35593	-9353.330	125.803257	-9.53E-16
1.76E-14	-1.25E-15	1140.024	
0.57062	-9648.536	123.240518	-9.53E-16
1.76E-14	1.02E-15	842.479236	
0.78531	-9943.743	114.920147	-9.53E-16
1.76E-14	3.30E-15	552.586927	
1.00000	-10238.949	114.920147	-9.53E-16
1.76E-14	5.58E-15	277.985236	

COMB ULO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10611.993	429.804008	-9.55E-16
2.06E-14	-3.54E-15	2870.370	
0.35593	-10907.200	429.804008	-9.55E-16
2.06E-14	-1.26E-15	1843.353	
0.57062	-11202.406	429.804008	-9.55E-16
2.06E-14	1.03E-15	816.336485	
0.78531	-11497.613	423.374208	-9.55E-16
2.06E-14	3.31E-15	-208.940481	
1.00000	-11792.820	423.374208	-9.55E-16
2.06E-14	5.59E-15	-1220.593	

COMB ULO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10611.993	429.804008	-9.55E-16
2.06E-14	-3.54E-15	2870.370	
0.35593	-10907.200	429.804008	-9.55E-16
2.06E-14	-1.26E-15	1843.353	
0.57062	-11202.406	429.804008	-9.55E-16
2.06E-14	1.03E-15	816.336485	
0.78531	-11497.613	423.374208	-9.55E-16
2.06E-14	3.31E-15	-208.940481	
1.00000	-11792.820	423.374208	-9.55E-16
2.06E-14	5.59E-15	-1220.593	

COMB ULO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10615.328	517.409504	-8.54E-16
1.83E-14	-3.16E-15	3197.052	
0.35593	-10910.534	517.409504	-8.54E-16
1.83E-14	-1.12E-15	1960.702	
0.57062	-11205.741	517.409504	-8.54E-16
1.83E-14	9.18E-16	724.351627	
0.78531	-11500.947	510.979704	-8.54E-16
1.83E-14	2.96E-15	-510.258672	
1.00000	-11796.154	510.979704	-8.54E-16
1.83E-14	5.00E-15	-1731.245	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10615.328	517.409504	-8.54E-16
1.83E-14	-3.16E-15	3197.052	
0.35593	-10910.534	517.409504	-8.54E-16
1.83E-14	-1.12E-15	1960.702	
0.57062	-11205.741	517.409504	-8.54E-16
1.83E-14	9.18E-16	724.351627	
0.78531	-11500.947	510.979704	-8.54E-16
1.83E-14	2.96E-15	-510.258672	
1.00000	-11796.154	510.979704	-8.54E-16
1.83E-14	5.00E-15	-1731.245	

COMB ULO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8158.284	305.439980	-7.48E-16
1.60E-14	-2.77E-15	2078.390	
0.35593	-8453.491	305.439980	-7.48E-16
1.60E-14	-9.84E-16	1348.541	
0.57062	-8748.697	305.439980	-7.48E-16
1.60E-14	8.03E-16	618.691990	
0.78531	-9043.904	299.010180	-7.48E-16
1.60E-14	2.59E-15	-109.417132	
1.00000	-9339.111	299.010180	-7.48E-16
1.60E-14	4.38E-15	-823.901957	

COMB ULO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8158.284	305.439980	-7.48E-16
1.60E-14	-2.77E-15	2078.390	
0.35593	-8453.491	305.439980	-7.48E-16
1.60E-14	-9.84E-16	1348.541	
0.57062	-8748.697	305.439980	-7.48E-16
1.60E-14	8.03E-16	618.691990	
0.78531	-9043.904	299.010180	-7.48E-16
1.60E-14	2.59E-15	-109.417132	
1.00000	-9339.111	299.010180	-7.48E-16
1.60E-14	4.38E-15	-823.901957	

COMB ULO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8161.619	393.045476	-6.47E-16
1.38E-14	-2.40E-15	2405.071	
0.35593	-8456.825	393.045476	-6.47E-16
1.38E-14	-8.51E-16	1465.889	
0.57062	-8752.032	393.045476	-6.47E-16
1.38E-14	6.95E-16	526.707132	
0.78531	-9047.238	386.615676	-6.47E-16
1.38E-14	2.24E-15	-410.735323	
1.00000	-9342.445	386.615676	-6.47E-16
1.38E-14	3.79E-15	-1334.553	

COMB ULO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8161.619	393.045476	-6.47E-16
1.38E-14	-2.40E-15	2405.071	
0.35593	-8456.825	393.045476	-6.47E-16
1.38E-14	-8.51E-16	1465.889	
0.57062	-8752.032	393.045476	-6.47E-16
1.38E-14	6.95E-16	526.707132	
0.78531	-9047.238	386.615676	-6.47E-16
1.38E-14	2.24E-15	-410.735323	
1.00000	-9342.445	386.615676	-6.47E-16
1.38E-14	3.79E-15	-1334.553	

COMB ULO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9203.646	-126.808493	-1.18E-15
2.12E-14	-4.38E-15	442.878515	
0.35593	-9487.499	-131.736837	-1.18E-15
2.12E-14	-1.56E-15	751.775547	
0.57062	-9771.351	-136.665180	-1.18E-15
2.12E-14	1.27E-15	1072.449	
0.78531	-10055.204	-146.483393	-1.18E-15
2.12E-14	4.10E-15	1406.166	
1.00000	-10339.056	-146.483393	-1.18E-15
2.12E-14	6.92E-15	1756.188	

COMB ULO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9203.646	-126.808493	-1.18E-15
2.12E-14	-4.38E-15	442.878515	
0.35593	-9487.499	-131.736837	-1.18E-15
2.12E-14	-1.56E-15	751.775547	
0.57062	-9771.351	-136.665180	-1.18E-15
2.12E-14	1.27E-15	1072.449	
0.78531	-10055.204	-146.483393	-1.18E-15
2.12E-14	4.10E-15	1406.166	
1.00000	-10339.056	-146.483393	-1.18E-15
2.12E-14	6.92E-15	1756.188	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9206.852	-42.572439	-1.09E-15
1.91E-14	-4.02E-15	756.995639	
0.35593	-9490.705	-47.500782	-1.09E-15
1.91E-14	-1.43E-15	864.610620	
0.57062	-9774.557	-52.429126	-1.09E-15
1.91E-14	1.17E-15	984.001878	
0.78531	-10058.410	-62.247339	-1.09E-15
1.91E-14	3.76E-15	1116.437	
1.00000	-10342.262	-62.247339	-1.09E-15
1.91E-14	6.35E-15	1265.177	

COMB ULO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9206.852	-42.572439	-1.09E-15
1.91E-14	-4.02E-15	756.995639	
0.35593	-9490.705	-47.500782	-1.09E-15
1.91E-14	-1.43E-15	864.610620	
0.57062	-9774.557	-52.429126	-1.09E-15
1.91E-14	1.17E-15	984.001878	
0.78531	-10058.410	-62.247339	-1.09E-15
1.91E-14	3.76E-15	1116.437	
1.00000	-10342.262	-62.247339	-1.09E-15
1.91E-14	6.35E-15	1265.177	

COMB ULO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11065.863	158.773584	-1.21E-15
2.34E-14	-4.49E-15	1835.569	
0.35593	-11349.716	156.309412	-1.21E-15
2.34E-14	-1.59E-15	1459.123	
0.57062	-11633.568	153.845240	-1.21E-15
2.34E-14	1.30E-15	1088.566	
0.78531	-11917.421	145.844883	-1.21E-15
2.34E-14	4.20E-15	725.367087	
1.00000	-12201.273	145.844883	-1.21E-15
2.34E-14	7.09E-15	376.870738	

COMB ULO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11065.863	158.773584	-1.21E-15
2.34E-14	-4.49E-15	1835.569	
0.35593	-11349.716	156.309412	-1.21E-15
2.34E-14	-1.59E-15	1459.123	
0.57062	-11633.568	153.845240	-1.21E-15
2.34E-14	1.30E-15	1088.566	
0.78531	-11917.421	145.844883	-1.21E-15
2.34E-14	4.20E-15	725.367087	
1.00000	-12201.273	145.844883	-1.21E-15
2.34E-14	7.09E-15	376.870738	

COMB ULO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11069.069	243.009638	-1.11E-15
2.13E-14	-4.13E-15	2149.686	
0.35593	-11352.922	240.545466	-1.11E-15
2.13E-14	-1.47E-15	1571.958	
0.57062	-11636.774	238.081294	-1.11E-15
2.13E-14	1.20E-15	1000.119	
0.78531	-11920.627	230.080938	-1.11E-15
2.13E-14	3.86E-15	435.638056	
1.00000	-12204.479	230.080938	-1.11E-15
2.13E-14	6.53E-15	-114.140344	

COMB ULO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-11069.069	243.009638	-1.11E-15
2.13E-14	-4.13E-15	2149.686	
0.35593	-11352.922	240.545466	-1.11E-15
2.13E-14	-1.47E-15	1571.958	
0.57062	-11636.774	238.081294	-1.11E-15
2.13E-14	1.20E-15	1000.119	
0.78531	-11920.627	230.080938	-1.11E-15
2.13E-14	3.86E-15	435.638056	
1.00000	-12204.479	230.080938	-1.11E-15
2.13E-14	6.53E-15	-114.140344	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8706.528	39.192788	-1.01E-15
1.91E-14	-3.75E-15	1074.049	
0.35593	-8990.380	36.728616	-1.01E-15
1.91E-14	-1.33E-15	983.342125	
0.57062	-9274.233	34.264444	-1.01E-15
1.91E-14	1.09E-15	898.523167	
0.78531	-9558.085	26.264087	-1.01E-15
1.91E-14	3.51E-15	821.062615	
1.00000	-9841.938	26.264087	-1.01E-15
1.91E-14	5.93E-15	758.304578	

COMB ULO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8706.528	39.192788	-1.01E-15
1.91E-14	-3.75E-15	1074.049	
0.35593	-8990.380	36.728616	-1.01E-15
1.91E-14	-1.33E-15	983.342125	
0.57062	-9274.233	34.264444	-1.01E-15
1.91E-14	1.09E-15	898.523167	
0.78531	-9558.085	26.264087	-1.01E-15
1.91E-14	3.51E-15	821.062615	
1.00000	-9841.938	26.264087	-1.01E-15
1.91E-14	5.93E-15	758.304578	

COMB ULO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8709.734	123.428842	-9.16E-16
1.69E-14	-3.39E-15	1388.166	
0.35593	-8993.586	120.964670	-9.16E-16
1.69E-14	-1.20E-15	1096.177	
0.57062	-9277.439	118.500498	-9.16E-16
1.69E-14	9.84E-16	810.076189	
0.78531	-9561.291	110.500142	-9.16E-16
1.69E-14	3.17E-15	531.333584	
1.00000	-9845.143	110.500142	-9.16E-16
1.69E-14	5.36E-15	267.293496	

COMB ULO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8709.734	123.428842	-9.16E-16
1.69E-14	-3.39E-15	1388.166	
0.35593	-8993.586	120.964670	-9.16E-16
1.69E-14	-1.20E-15	1096.177	
0.57062	-9277.439	118.500498	-9.16E-16
1.69E-14	9.84E-16	810.076189	
0.78531	-9561.291	110.500142	-9.16E-16
1.69E-14	3.17E-15	531.333584	
1.00000	-9845.143	110.500142	-9.16E-16
1.69E-14	5.36E-15	267.293496	

COMB ULO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.168	302.342674	-4.98E-16
1.06E-14	-1.84E-15	1850.055	
0.35593	-6505.250	302.342674	-4.98E-16
1.06E-14	-6.55E-16	1127.607	
0.57062	-6732.332	302.342674	-4.98E-16
1.06E-14	5.35E-16	405.159332	
0.78531	-6959.414	297.396674	-4.98E-16
1.06E-14	1.72E-15	-315.950249	
1.00000	-7186.496	297.396674	-4.98E-16
1.06E-14	2.91E-15	-1026.580	

COMB ULO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.168	302.342674	-4.98E-16
1.06E-14	-1.84E-15	1850.055	
0.35593	-6505.250	302.342674	-4.98E-16
1.06E-14	-6.55E-16	1127.607	
0.57062	-6732.332	302.342674	-4.98E-16
1.06E-14	5.35E-16	405.159332	
0.78531	-6959.414	297.396674	-4.98E-16
1.06E-14	1.72E-15	-315.950249	
1.00000	-7186.496	297.396674	-4.98E-16
1.06E-14	2.91E-15	-1026.580	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ULO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10615.328	517.409504	-8.54E-16
1.83E-14	-3.16E-15	3197.052	
0.35593	-10910.534	517.409504	-8.54E-16
1.83E-14	-1.12E-15	1960.702	
0.57062	-11205.741	517.409504	-8.54E-16
1.83E-14	9.18E-16	724.351627	
0.78531	-11500.947	510.979704	-8.54E-16
1.83E-14	2.96E-15	-510.258672	
1.00000	-11796.154	510.979704	-8.54E-16
1.83E-14	5.00E-15	-1731.245	

COMB ULO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10615.328	517.409504	-8.54E-16
1.83E-14	-3.16E-15	3197.052	
0.35593	-10910.534	517.409504	-8.54E-16
1.83E-14	-1.12E-15	1960.702	
0.57062	-11205.741	517.409504	-8.54E-16
1.83E-14	9.18E-16	724.351627	
0.78531	-11500.947	510.979704	-8.54E-16
1.83E-14	2.96E-15	-510.258672	
1.00000	-11796.154	510.979704	-8.54E-16
1.83E-14	5.00E-15	-1731.245	

COMB ULO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8838.578	-40.869541	-1.04E-15
1.83E-14	-3.86E-15	726.715814	
0.35593	-9111.077	-45.600751	-1.04E-15
1.83E-14	-1.37E-15	830.026195	
0.57062	-9383.575	-50.331961	-1.04E-15
1.83E-14	1.12E-15	944.641803	
0.78531	-9656.073	-59.757446	-1.04E-15
1.83E-14	3.61E-15	1071.780	
1.00000	-9928.572	-59.757446	-1.04E-15
1.83E-14	6.10E-15	1214.570	

COMB ULO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8838.578	-40.869541	-1.04E-15
1.83E-14	-3.86E-15	726.715814	
0.35593	-9111.077	-45.600751	-1.04E-15
1.83E-14	-1.37E-15	830.026195	
0.57062	-9383.575	-50.331961	-1.04E-15
1.83E-14	1.12E-15	944.641803	
0.78531	-9656.073	-59.757446	-1.04E-15
1.83E-14	3.61E-15	1071.780	
1.00000	-9928.572	-59.757446	-1.04E-15
1.83E-14	6.10E-15	1214.570	

COMB UEO01 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10336.396	508.025848	-8.40E-16
1.81E-14	-3.11E-15	3159.400	
0.35593	-10563.478	508.025848	-8.40E-16
1.81E-14	-1.11E-15	1945.472	
0.57062	-10790.560	508.025848	-8.40E-16
1.81E-14	9.03E-16	731.544256	
0.78531	-11017.642	501.596048	-8.40E-16
1.81E-14	2.91E-15	-480.643796	
1.00000	-11244.724	501.596048	-8.40E-16
1.81E-14	4.92E-15	-1679.208	

COMB UEO01 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10336.396	508.025848	-8.40E-16
1.81E-14	-3.11E-15	3159.400	
0.35593	-10563.478	508.025848	-8.40E-16
1.81E-14	-1.11E-15	1945.472	
0.57062	-10790.560	508.025848	-8.40E-16
1.81E-14	9.03E-16	731.544256	
0.78531	-11017.642	501.596048	-8.40E-16
1.81E-14	2.91E-15	-480.643796	
1.00000	-11244.724	501.596048	-8.40E-16
1.81E-14	4.92E-15	-1679.208	

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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB UEO02 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.339	302.346879	-4.98E-16
1.06E-14	-1.84E-15	1849.586	
0.35593	-6505.421	302.346879	-4.98E-16
1.06E-14	-6.55E-16	1127.129	
0.57062	-6732.502	302.346879	-4.98E-16
1.06E-14	5.35E-16	404.670668	
0.78531	-6959.584	295.917079	-4.98E-16
1.06E-14	1.72E-15	-316.047487	
1.00000	-7186.666	295.917079	-4.98E-16
1.06E-14	2.91E-15	-1023.141	

COMB UEO02 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.339	302.346879	-4.98E-16
1.06E-14	-1.84E-15	1849.586	
0.35593	-6505.421	302.346879	-4.98E-16
1.06E-14	-6.55E-16	1127.129	
0.57062	-6732.502	302.346879	-4.98E-16
1.06E-14	5.35E-16	404.670668	
0.78531	-6959.584	295.917079	-4.98E-16
1.06E-14	1.72E-15	-316.047487	
1.00000	-7186.666	295.917079	-4.98E-16
1.06E-14	2.91E-15	-1023.141	

COMB UEO03 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7691.846	-134.973934	-9.80E-16
1.66E-14	-3.63E-15	231.790402	
0.35593	-7918.928	-140.099411	-9.80E-16
1.66E-14	-1.29E-15	560.434281	
0.57062	-8146.010	-145.224889	-9.80E-16
1.66E-14	1.05E-15	901.325489	
0.78531	-8373.092	-155.435831	-9.80E-16
1.66E-14	3.39E-15	1255.782	
1.00000	-8600.174	-155.435831	-9.80E-16
1.66E-14	5.73E-15	1627.196	

COMB UEO03 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7691.846	-134.973934	-9.80E-16
1.66E-14	-3.63E-15	231.790402	
0.35593	-7918.928	-140.099411	-9.80E-16
1.66E-14	-1.29E-15	560.434281	
0.57062	-8146.010	-145.224889	-9.80E-16
1.66E-14	1.05E-15	901.325489	
0.78531	-8373.092	-155.435831	-9.80E-16
1.66E-14	3.39E-15	1255.782	
1.00000	-8600.174	-155.435831	-9.80E-16
1.66E-14	5.73E-15	1627.196	

COMB UEO04 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9628.552	162.031425	-1.01E-15
1.90E-14	-3.74E-15	1680.188	
0.35593	-9855.634	159.468687	-1.01E-15
1.90E-14	-1.33E-15	1296.076	
0.57062	-10082.716	156.905948	-1.01E-15
1.90E-14	1.09E-15	918.087268	
0.78531	-10309.798	148.585577	-1.01E-15
1.90E-14	3.50E-15	547.751414	
1.00000	-10536.880	148.585577	-1.01E-15
1.90E-14	5.91E-15	192.706178	

COMB UEO04 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9628.552	162.031425	-1.01E-15
1.90E-14	-3.74E-15	1680.188	
0.35593	-9855.634	159.468687	-1.01E-15
1.90E-14	-1.33E-15	1296.076	
0.57062	-10082.716	156.905948	-1.01E-15
1.90E-14	1.09E-15	918.087268	
0.78531	-10309.798	148.585577	-1.01E-15
1.90E-14	3.50E-15	547.751414	
1.00000	-10536.880	148.585577	-1.01E-15
1.90E-14	5.91E-15	192.706178	

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COMB UEO05 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7174.843	37.667398	-8.03E-16
1.44E-14	-2.98E-15	888.207937	
0.35593	-7401.925	35.104659	-8.03E-16
1.44E-14	-1.06E-15	801.263523	
0.57062	-7629.007	32.541920	-8.03E-16
1.44E-14	8.63E-16	720.442772	
0.78531	-7856.089	24.221549	-8.03E-16
1.44E-14	2.78E-15	647.274763	
1.00000	-8083.171	24.221549	-8.03E-16
1.44E-14	4.70E-15	589.397371	

COMB UEO05 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7174.843	37.667398	-8.03E-16
1.44E-14	-2.98E-15	888.207937	
0.35593	-7401.925	35.104659	-8.03E-16
1.44E-14	-1.06E-15	801.263523	
0.57062	-7629.007	32.541920	-8.03E-16
1.44E-14	8.63E-16	720.442772	
0.78531	-7856.089	24.221549	-8.03E-16
1.44E-14	2.78E-15	647.274763	
1.00000	-8083.171	24.221549	-8.03E-16
1.44E-14	4.70E-15	589.397371	

COMB UEO06 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8728.713	339.105410	-8.06E-16
1.74E-14	-2.99E-15	2314.885	
0.35593	-8955.795	339.105410	-8.06E-16
1.74E-14	-1.06E-15	1504.592	
0.57062	-9182.877	339.105410	-8.06E-16
1.74E-14	8.66E-16	694.300021	
0.78531	-9409.959	332.675610	-8.06E-16
1.74E-14	2.79E-15	-114.252645	
1.00000	-9637.041	332.675610	-8.06E-16
1.74E-14	4.72E-15	-909.181015	

COMB UEO06 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8728.713	339.105410	-8.06E-16
1.74E-14	-2.99E-15	2314.885	
0.35593	-8955.795	339.105410	-8.06E-16
1.74E-14	-1.06E-15	1504.592	
0.57062	-9182.877	339.105410	-8.06E-16
1.74E-14	8.66E-16	694.300021	
0.78531	-9409.959	332.675610	-8.06E-16
1.74E-14	2.79E-15	-114.252645	
1.00000	-9637.041	332.675610	-8.06E-16
1.74E-14	4.72E-15	-909.181015	

COMB UEO07 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8732.048	426.710906	-7.05E-16
1.52E-14	-2.61E-15	2641.567	
0.35593	-8959.130	426.710906	-7.05E-16
1.52E-14	-9.27E-16	1621.941	
0.57062	-9186.211	426.710906	-7.05E-16
1.52E-14	7.57E-16	602.315163	
0.78531	-9413.293	420.281106	-7.05E-16
1.52E-14	2.44E-15	-415.570837	
1.00000	-9640.375	420.281106	-7.05E-16
1.52E-14	4.13E-15	-1419.833	

COMB UEO07 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8732.048	426.710906	-7.05E-16
1.52E-14	-2.61E-15	2641.567	
0.35593	-8959.130	426.710906	-7.05E-16
1.52E-14	-9.27E-16	1621.941	
0.57062	-9186.211	426.710906	-7.05E-16
1.52E-14	7.57E-16	602.315163	
0.78531	-9413.293	420.281106	-7.05E-16
1.52E-14	2.44E-15	-415.570837	
1.00000	-9640.375	420.281106	-7.05E-16
1.52E-14	4.13E-15	-1419.833	

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COMB UEO08 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6275.004	214.741382	-5.99E-16
1.29E-14	-2.22E-15	1522.905	
0.35593	-6502.086	214.741382	-5.99E-16
1.29E-14	-7.87E-16	1009.780	
0.57062	-6729.168	214.741382	-5.99E-16
1.29E-14	6.43E-16	496.655526	
0.78531	-6956.250	208.311582	-5.99E-16
1.29E-14	2.07E-15	-14.729296	
1.00000	-7183.332	208.311582	-5.99E-16
1.29E-14	3.50E-15	-512.489821	

COMB UEO08 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6275.004	214.741382	-5.99E-16
1.29E-14	-2.22E-15	1522.905	
0.35593	-6502.086	214.741382	-5.99E-16
1.29E-14	-7.87E-16	1009.780	
0.57062	-6729.168	214.741382	-5.99E-16
1.29E-14	6.43E-16	496.655526	
0.78531	-6956.250	208.311582	-5.99E-16
1.29E-14	2.07E-15	-14.729296	
1.00000	-7183.332	208.311582	-5.99E-16
1.29E-14	3.50E-15	-512.489821	

COMB UEO09 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.339	302.346879	-4.98E-16
1.06E-14	-1.84E-15	1849.586	
0.35593	-6505.421	302.346879	-4.98E-16
1.06E-14	-6.55E-16	1127.129	
0.57062	-6732.502	302.346879	-4.98E-16
1.06E-14	5.35E-16	404.670668	
0.78531	-6959.584	295.917079	-4.98E-16
1.06E-14	1.72E-15	-316.047487	
1.00000	-7186.666	295.917079	-4.98E-16
1.06E-14	2.91E-15	-1023.141	

COMB UEO09 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.339	302.346879	-4.98E-16
1.06E-14	-1.84E-15	1849.586	
0.35593	-6505.421	302.346879	-4.98E-16
1.06E-14	-6.55E-16	1127.129	
0.57062	-6732.502	302.346879	-4.98E-16
1.06E-14	5.35E-16	404.670668	
0.78531	-6959.584	295.917079	-4.98E-16
1.06E-14	1.72E-15	-316.047487	
1.00000	-7186.666	295.917079	-4.98E-16
1.06E-14	2.91E-15	-1023.141	

COMB UEO10 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7320.366	-217.507091	-1.03E-15
1.80E-14	-3.83E-15	-112.606548	
0.35593	-7536.094	-222.435434	-1.03E-15
1.80E-14	-1.36E-15	413.014784	
0.57062	-7751.822	-227.363778	-1.03E-15
1.80E-14	1.11E-15	950.412393	
0.78531	-7967.550	-237.181991	-1.03E-15
1.80E-14	3.58E-15	1500.854	
1.00000	-8183.278	-237.181991	-1.03E-15
1.80E-14	6.05E-15	2067.600	

COMB UEO10 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7320.366	-217.507091	-1.03E-15
1.80E-14	-3.83E-15	-112.606548	
0.35593	-7536.094	-222.435434	-1.03E-15
1.80E-14	-1.36E-15	413.014784	
0.57062	-7751.822	-227.363778	-1.03E-15
1.80E-14	1.11E-15	950.412393	
0.78531	-7967.550	-237.181991	-1.03E-15
1.80E-14	3.58E-15	1500.854	
1.00000	-8183.278	-237.181991	-1.03E-15
1.80E-14	6.05E-15	2067.600	

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COMB UEO11 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7323.572	-133.271036	-9.36E-16
1.59E-14	-3.47E-15	201.510576	
0.35593	-7539.300	-138.199380	-9.36E-16
1.59E-14	-1.23E-15	525.849856	
0.57062	-7755.028	-143.127724	-9.36E-16
1.59E-14	1.01E-15	861.965414	
0.78531	-7970.756	-152.945937	-9.36E-16
1.59E-14	3.24E-15	1211.125	
1.00000	-8186.484	-152.945937	-9.36E-16
1.59E-14	5.48E-15	1576.589	

COMB UEO11 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7323.572	-133.271036	-9.36E-16
1.59E-14	-3.47E-15	201.510576	
0.35593	-7539.300	-138.199380	-9.36E-16
1.59E-14	-1.23E-15	525.849856	
0.57062	-7755.028	-143.127724	-9.36E-16
1.59E-14	1.01E-15	861.965414	
0.78531	-7970.756	-152.945937	-9.36E-16
1.59E-14	3.24E-15	1211.125	
1.00000	-8186.484	-152.945937	-9.36E-16
1.59E-14	5.48E-15	1576.589	

COMB UEO12 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9182.583	68.074986	-1.06E-15
2.03E-14	-3.94E-15	1280.084	
0.35593	-9398.311	65.610814	-1.06E-15
2.03E-14	-1.40E-15	1120.362	
0.57062	-9614.039	63.146642	-1.06E-15
2.03E-14	1.14E-15	966.529488	
0.78531	-9829.767	55.146285	-1.06E-15
2.03E-14	3.68E-15	820.054922	
1.00000	-10045.495	55.146285	-1.06E-15
2.03E-14	6.22E-15	688.282873	

COMB UEO12 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9182.583	68.074986	-1.06E-15
2.03E-14	-3.94E-15	1280.084	
0.35593	-9398.311	65.610814	-1.06E-15
2.03E-14	-1.40E-15	1120.362	
0.57062	-9614.039	63.146642	-1.06E-15
2.03E-14	1.14E-15	966.529488	
0.78531	-9829.767	55.146285	-1.06E-15
2.03E-14	3.68E-15	820.054922	
1.00000	-10045.495	55.146285	-1.06E-15
2.03E-14	6.22E-15	688.282873	

COMB UEO13 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9185.789	152.311040	-9.66E-16
1.81E-14	-3.58E-15	1594.201	
0.35593	-9401.517	149.846868	-9.66E-16
1.81E-14	-1.27E-15	1233.198	
0.57062	-9617.245	147.382696	-9.66E-16
1.81E-14	1.04E-15	878.082509	
0.78531	-9832.973	139.382340	-9.66E-16
1.81E-14	3.35E-15	530.325892	
1.00000	-10048.701	139.382340	-9.66E-16
1.81E-14	5.65E-15	197.271791	

COMB UEO13 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9185.789	152.311040	-9.66E-16
1.81E-14	-3.58E-15	1594.201	
0.35593	-9401.517	149.846868	-9.66E-16
1.81E-14	-1.27E-15	1233.198	
0.57062	-9617.245	147.382696	-9.66E-16
1.81E-14	1.04E-15	878.082509	
0.78531	-9832.973	139.382340	-9.66E-16
1.81E-14	3.35E-15	530.325892	
1.00000	-10048.701	139.382340	-9.66E-16
1.81E-14	5.65E-15	197.271791	

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COMB UEO14 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6823.248	-51.505810	-8.64E-16
1.59E-14	-3.20E-15	518.564159	
0.35593	-7038.976	-53.969982	-8.64E-16
1.59E-14	-1.14E-15	644.581362	
0.57062	-7254.703	-56.434154	-8.64E-16
1.59E-14	9.28E-16	776.486704	
0.78531	-7470.431	-64.434511	-8.64E-16
1.59E-14	2.99E-15	915.750450	
1.00000	-7686.159	-64.434511	-8.64E-16
1.59E-14	5.06E-15	1069.717	

COMB UEO14 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6823.248	-51.505810	-8.64E-16
1.59E-14	-3.20E-15	518.564159	
0.35593	-7038.976	-53.969982	-8.64E-16
1.59E-14	-1.14E-15	644.581362	
0.57062	-7254.703	-56.434154	-8.64E-16
1.59E-14	9.28E-16	776.486704	
0.78531	-7470.431	-64.434511	-8.64E-16
1.59E-14	2.99E-15	915.750450	
1.00000	-7686.159	-64.434511	-8.64E-16
1.59E-14	5.06E-15	1069.717	

COMB UEO15 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6826.454	32.730244	-7.67E-16
1.38E-14	-2.84E-15	832.681284	
0.35593	-7042.182	30.266072	-7.67E-16
1.38E-14	-1.01E-15	757.416435	
0.57062	-7257.909	27.801900	-7.67E-16
1.38E-14	8.24E-16	688.039725	
0.78531	-7473.637	19.801544	-7.67E-16
1.38E-14	2.66E-15	626.021420	
1.00000	-7689.365	19.801544	-7.67E-16
1.38E-14	4.49E-15	578.705631	

COMB UEO15 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6826.454	32.730244	-7.67E-16
1.38E-14	-2.84E-15	832.681284	
0.35593	-7042.182	30.266072	-7.67E-16
1.38E-14	-1.01E-15	757.416435	
0.57062	-7257.909	27.801900	-7.67E-16
1.38E-14	8.24E-16	688.039725	
0.78531	-7473.637	19.801544	-7.67E-16
1.38E-14	2.66E-15	626.021420	
1.00000	-7689.365	19.801544	-7.67E-16
1.38E-14	4.49E-15	578.705631	

COMB UEO16 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.168	302.342674	-4.98E-16
1.06E-14	-1.84E-15	1850.055	
0.35593	-6505.250	302.342674	-4.98E-16
1.06E-14	-6.55E-16	1127.607	
0.57062	-6732.332	302.342674	-4.98E-16
1.06E-14	5.35E-16	405.159332	
0.78531	-6959.414	297.396674	-4.98E-16
1.06E-14	1.72E-15	-315.950249	
1.00000	-7186.496	297.396674	-4.98E-16
1.06E-14	2.91E-15	-1026.580	

COMB UEO16 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.168	302.342674	-4.98E-16
1.06E-14	-1.84E-15	1850.055	
0.35593	-6505.250	302.342674	-4.98E-16
1.06E-14	-6.55E-16	1127.607	
0.57062	-6732.332	302.342674	-4.98E-16
1.06E-14	5.35E-16	405.159332	
0.78531	-6959.414	297.396674	-4.98E-16
1.06E-14	1.72E-15	-315.950249	
1.00000	-7186.496	297.396674	-4.98E-16
1.06E-14	2.91E-15	-1026.580	

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COMB UEO17 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8732.048	426.710906	-7.05E-16
1.52E-14	-2.61E-15	2641.567	
0.35593	-8959.130	426.710906	-7.05E-16
1.52E-14	-9.27E-16	1621.941	
0.57062	-9186.211	426.710906	-7.05E-16
1.52E-14	7.57E-16	602.315163	
0.78531	-9413.293	420.281106	-7.05E-16
1.52E-14	2.44E-15	-415.570837	
1.00000	-9640.375	420.281106	-7.05E-16
1.52E-14	4.13E-15	-1419.833	

COMB UEO17 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8732.048	426.710906	-7.05E-16
1.52E-14	-2.61E-15	2641.567	
0.35593	-8959.130	426.710906	-7.05E-16
1.52E-14	-9.27E-16	1621.941	
0.57062	-9186.211	426.710906	-7.05E-16
1.52E-14	7.57E-16	602.315163	
0.78531	-9413.293	420.281106	-7.05E-16
1.52E-14	2.44E-15	-415.570837	
1.00000	-9640.375	420.281106	-7.05E-16
1.52E-14	4.13E-15	-1419.833	

COMB UEO18 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6955.298	-131.568139	-8.93E-16
1.51E-14	-3.31E-15	171.230751	
0.35593	-7159.672	-136.299349	-8.93E-16
1.51E-14	-1.17E-15	491.265432	
0.57062	-7364.046	-141.030559	-8.93E-16
1.51E-14	9.59E-16	822.605339	
0.78531	-7568.420	-150.456043	-8.93E-16
1.51E-14	3.09E-15	1166.467	
1.00000	-7772.793	-150.456043	-8.93E-16
1.51E-14	5.23E-15	1525.982	

COMB UEO18 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6955.298	-131.568139	-8.93E-16
1.51E-14	-3.31E-15	171.230751	
0.35593	-7159.672	-136.299349	-8.93E-16
1.51E-14	-1.17E-15	491.265432	
0.57062	-7364.046	-141.030559	-8.93E-16
1.51E-14	9.59E-16	822.605339	
0.78531	-7568.420	-150.456043	-8.93E-16
1.51E-14	3.09E-15	1166.467	
1.00000	-7772.793	-150.456043	-8.93E-16
1.51E-14	5.23E-15	1525.982	

COMB ENVBULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12218.937	598.706226	-9.89E-16
2.13E-14	-3.67E-15	3716.915	
0.35593	-12514.144	598.706226	-9.89E-16
2.13E-14	-1.30E-15	2286.307	
0.57062	-12809.350	598.706226	-9.89E-16
2.13E-14	1.06E-15	855.698265	
0.78531	-13104.557	598.706226	-9.89E-16
2.13E-14	3.43E-15	-574.910264	
1.00000	-13399.763	598.706226	-9.89E-16
2.13E-14	5.79E-15	-2005.519	

COMB ENVBULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12218.937	598.706226	-9.89E-16
2.13E-14	-3.67E-15	3716.915	
0.35593	-12514.144	598.706226	-9.89E-16
2.13E-14	-1.30E-15	2286.307	
0.57062	-12809.350	598.706226	-9.89E-16
2.13E-14	1.06E-15	855.698265	
0.78531	-13104.557	598.706226	-9.89E-16
2.13E-14	3.43E-15	-574.910264	
1.00000	-13399.763	598.706226	-9.89E-16
2.13E-14	5.79E-15	-2005.519	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB ENVBECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6277.600	508.007629	-4.98E-16
1.81E-14	-1.84E-15	3161.430	
0.35593	-6504.682	508.007629	-4.98E-16
1.81E-14	-6.54E-16	1947.546	
0.57062	-6731.764	508.007629	-4.98E-16
1.81E-14	9.02E-16	733.661801	
0.78531	-6958.846	508.007629	-4.98E-16
1.81E-14	2.91E-15	-315.626119	
1.00000	-7185.928	508.007629	-4.98E-16
1.81E-14	4.92E-15	-1038.040	

COMB ENVBECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10335.657	302.328660	-8.40E-16
1.06E-14	-3.11E-15	1851.617	
0.35593	-10562.739	302.328660	-8.40E-16
1.06E-14	-1.10E-15	1129.203	
0.57062	-10789.821	302.328660	-8.40E-16
1.06E-14	5.34E-16	406.788212	
0.78531	-11016.903	302.328660	-8.40E-16
1.06E-14	1.72E-15	-480.222428	
1.00000	-11243.985	302.328660	-8.40E-16
1.06E-14	2.91E-15	-1694.107	

COMB ENVOULT ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12219.676	598.724446	-9.90E-16
2.13E-14	-3.67E-15	3714.885	
0.35593	-12514.882	598.724446	-9.90E-16
2.13E-14	-1.30E-15	2284.233	
0.57062	-12810.089	598.724446	-9.90E-16
2.13E-14	1.06E-15	853.580720	
0.78531	-13105.295	592.294646	-9.90E-16
2.13E-14	3.43E-15	-575.331631	
1.00000	-13400.502	592.294646	-9.90E-16
2.13E-14	5.79E-15	-1990.620	

COMB ENVOULT ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12219.676	598.724446	-9.90E-16
2.13E-14	-3.67E-15	3714.885	
0.35593	-12514.882	598.724446	-9.90E-16
2.13E-14	-1.30E-15	2284.233	
0.57062	-12810.089	598.724446	-9.90E-16
2.13E-14	1.06E-15	853.580720	
0.78531	-13105.295	592.294646	-9.90E-16
2.13E-14	3.43E-15	-575.331631	
1.00000	-13400.502	592.294646	-9.90E-16
2.13E-14	5.79E-15	-1990.620	

COMB ENVOECC ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6278.339	508.025848	-4.98E-16
1.81E-14	-1.84E-15	3159.400	
0.35593	-6505.421	508.025848	-4.98E-16
1.81E-14	-6.55E-16	1945.472	
0.57062	-6732.502	508.025848	-4.98E-16
1.81E-14	9.03E-16	731.544256	
0.78531	-6959.584	501.596048	-4.98E-16
1.81E-14	2.91E-15	-316.047487	
1.00000	-7186.666	501.596048	-4.98E-16
1.81E-14	4.92E-15	-1023.141	

COMB ENVOECC ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10336.396	302.346879	-8.40E-16
1.06E-14	-3.11E-15	1849.586	
0.35593	-10563.478	302.346879	-8.40E-16
1.06E-14	-1.11E-15	1127.129	
0.57062	-10790.560	302.346879	-8.40E-16
1.06E-14	5.35E-16	404.670668	
0.78531	-11017.642	295.917079	-8.40E-16
1.06E-14	1.72E-15	-480.643796	
1.00000	-11244.724	295.917079	-8.40E-16
1.06E-14	2.91E-15	-1679.208	